Dimension Express Booklet

Prepared On: 6/25/2009

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Job Information:

Job Name: Dorini--McClelland

Model No	Type	Manufacturer	Doc Type	Page
VDB450	DSH	Viking	Mfr Guide	3
VDB450	DSH	Viking	Condensed	5
VDB450	DSH	Viking	Support Doc	8
VCWH3648SS	HOD	Viking	Data Sheet	9
VCWH3648SS	HOD	Viking	Mfr Guide	11
VCWH3648SS	HOD	Viking	Condensed	16
VMOS200SS	MIC	Viking	Mfr Guide	30
VMOS200SS	MIC	Viking	Installation	33
VESO5301	OVN	Viking	Mfr Guide	37
VESO5301	OVN	Viking	Condensed	39
VDSC5364Q	RNG	Viking	Mfr Guide	52
VDSC5364Q	RNG	Viking	Condensed	53
VCFF136	REF	Viking	Mfr Guide	57
VCFF136	REF	Viking	Condensed	60
DMTK301	TKT	Viking	Mfr Guide	64

Please forward to Brian.

- Thank you for using our NEW PDF Booklet Feature!! We hope this feature will save you time when working on your project.
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Table of Contents (continued)

Model No	Type	Manufacturer	Doc Type	Page
DMTK301	TKT	Viking	Installation	67
VEWD103SS	WAR	Viking	Data Sheet	71
VEWD103SS	WAR	Viking	Mfr Guide	72
VEWD103SS	WAR	Viking	Condensed	74

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Please see **Installation Notes & Accessories** for important installation information, including panel and handle kits.

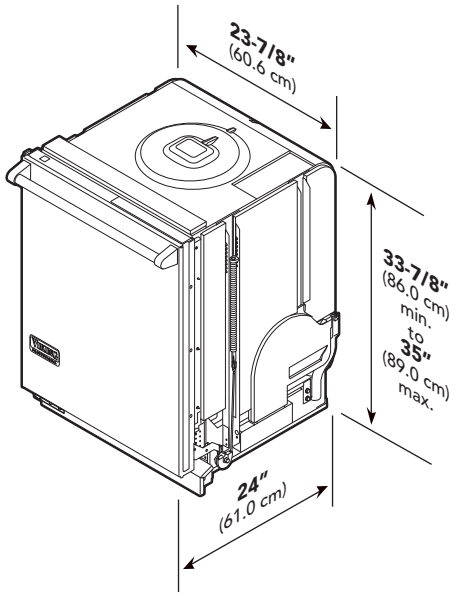
Dimensions & Specifications

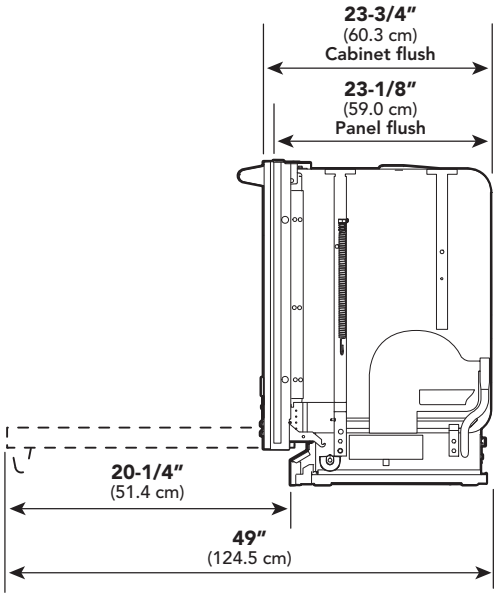
PRODUCT DIMENSIONS

VDB450
Professional
Built-In Dishwasher

DFB450
Custom Front
Built-In Dishwasher

See **Custom Panels** section for more information and additional specifications.





Note: *If the dishwasher is installed in a corner, there must be a minimum clearance of 2" (5.1 cm) from the side wall so the door can open.*

	All models
Overall width	**23-7/8" (60.6 cm)**
Overall height (from floor)	**33-7/8" (86.0 cm) min. to 35" (89.0 cm) max.**
Overall depth (from rear)	
To edge of side (includes door panel)	**24" (61.0 cm)—includes door panel**
With door open	**49" (124.5 cm)**

Note: *This unit is NOT designed to be installed without trim. All dimensions include trim.*

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UTILITY REQUIREMENTS

GAS
Not applicable

ELECTRICAL
- Five-foot (1.5 m), electrical cord with 90 degree 3-prong plug
- 120V/60 Hz
- Maximum amp usage—15.0 amps
- Water-heating element rating—1,400 watts

PLUMBING
- 120°F (49°C) hot water recommended; dishwasher will, however, perform properly with cold water*
- Inlet water pressure operating range—10 – 125 psi (0.69 – 8.62 bar)
- Five foot (1.5 m) braided stainless steel water line with 3/8" (0.95 cm) compression fitting supplied with dishwasher
- Seven-foot (2.13 m) 1/2" (1.3 cm) ID "crimp-proof" flexible drain hose with clamp attached to dishwasher; connections provided for 5/8" (1.5 cm), 3/4" (1.9 cm), or 1" (2.5 cm) cut as required
- High loop of drain hose required; min. height from floor—20" (50.8 cm)
- Check local codes for drain air gap requirement

*Cycle times will be extended

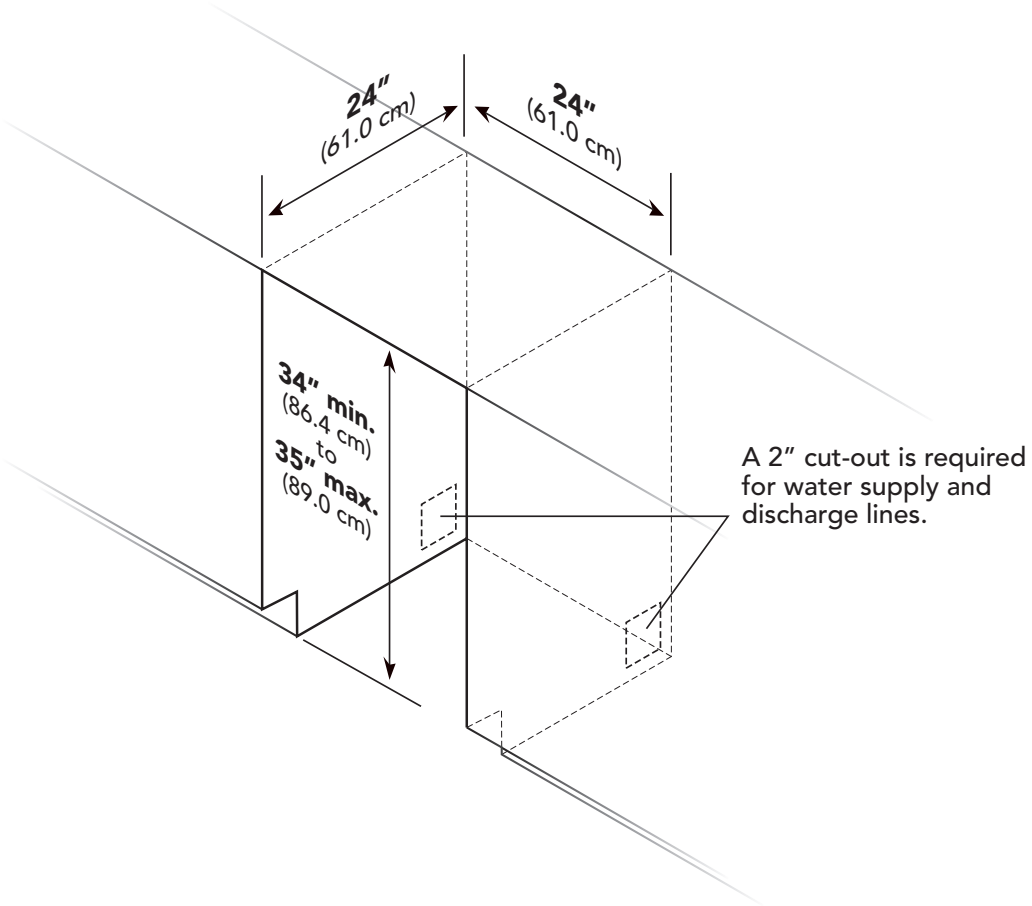
Installation Requirements

ACCESS REQUIREMENTS

VDB450
Professional
Built-In Dishwasher

DFB450
Custom Front
Built-In Dishwasher

See **Custom Panels** section for more information and additional specifications.



All models	
Cutout width	**24" (61.0 cm)**
Cutout height	**34" (86.4 cm) min. to 35" (89.0 cm) max.**
Cutout depth	**24" (61.0 cm)**

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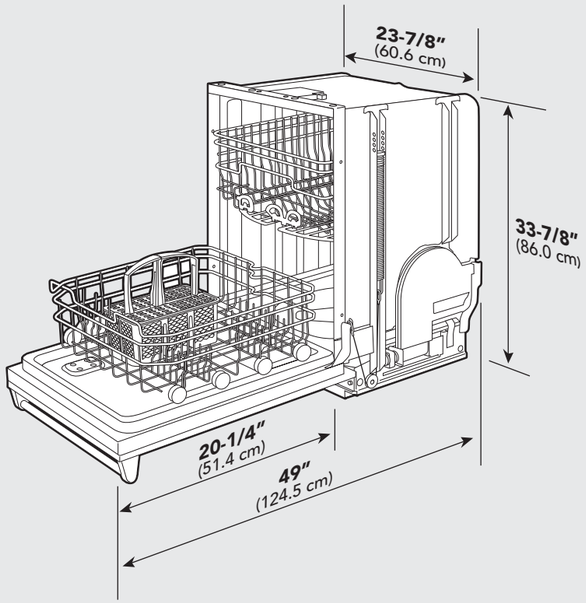
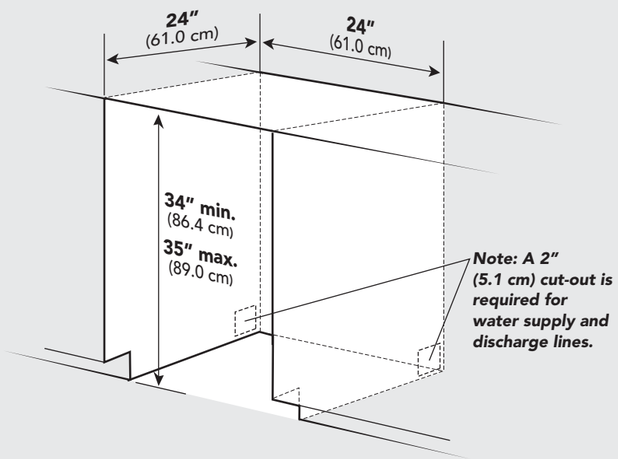
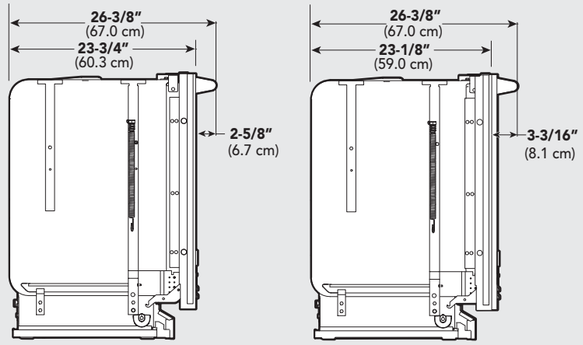
Dimensions & Cutout Dimensions



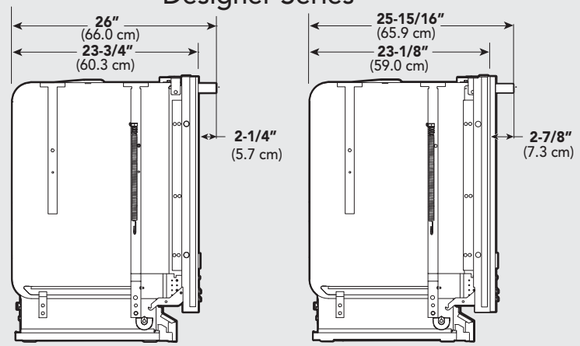


Note: A 2" (5.1 cm) cut-out is required for water supply and discharge lines.

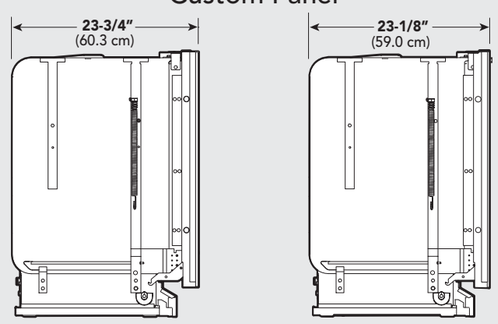
Professional Series



Designer Series



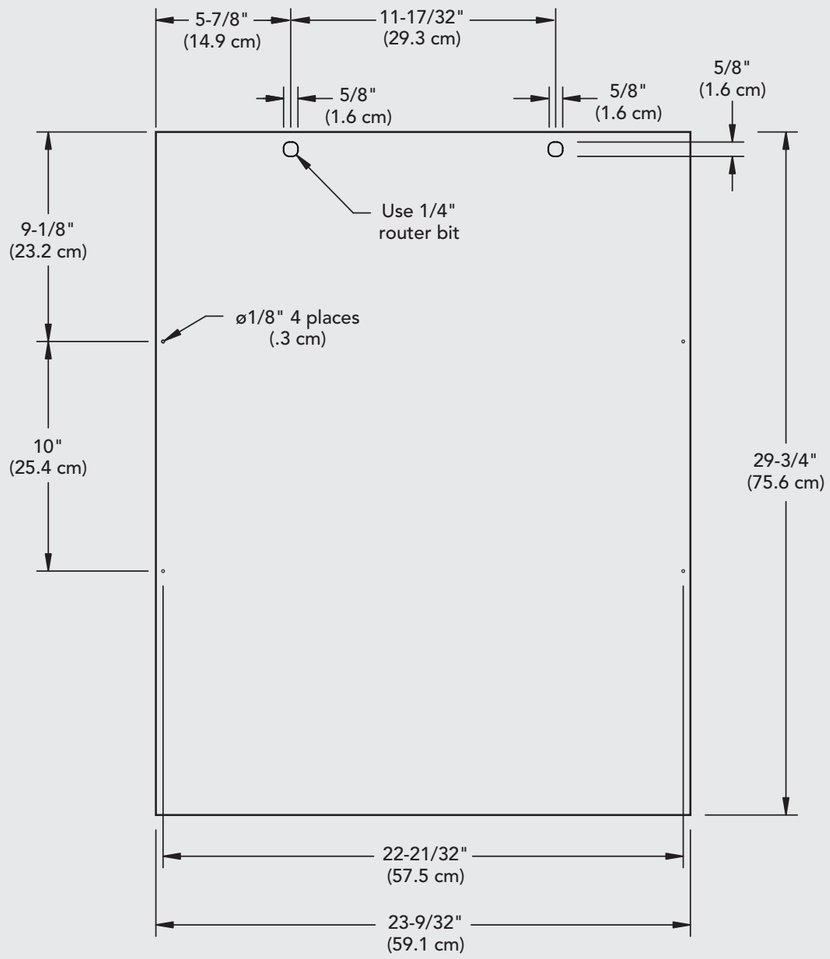
Custom Panel



Specifications

Built-In Dishwasher	
Description	**450 Model**
Overall width	23-7/8" (60.6 cm)
Overall height from floor	33-7/8" (86.0 cm) min. 35" (89.0 cm) max.
Overall depth from rear–Professional	To edge of side - 24" (61.0 cm) - includes door panel
	With door open - 49" (124.5 cm)
Overall depth from rear–Designer	To edge of side - 24" (61.0 cm) - includes door panel
	With door open - 49" (124.5 cm)
Cutout width	24" (61.0 cm)
Cutout height	34" (86.4 cm) min. 35" (89.0 cm) max.
Cutout depth	24" (61.0 cm)
Electrical requirements	15.0 amps, 120VAC/60 Hz; 5' (1.8 m) electrical cord 3 prong plug supplied with unit
Water-heating element rating	1400 watts
Inlet water temperature	120˚F (49˚C) recommended; Dishwasher will perform properly with cold water *Note: Cycle times will vary*
Inlet water pressure operating range	10 to 125 psi (.69 to 8.62 bar)
Inlet water hose	5' (1.5 m) braided stainless steel water line with 3/8" (0.95 cm) compression fitting connected to dishwasher
Drain hose	7' (2.13 m) 1/2" (1.3 cm) ID "crimp-proof" flexible drain hose attached to dishwasher, connections provided for 5/8" (1.6 cm), 3/4" (1.9 cm) or 1" (2.5 cm), cut as required
Drain hose high loop required	Height from floor - 20" (51.0 cm) min.
Approximate shipping weight	157 lbs. (70.7 kg)

Custom Door Panel (Specifications)



NOTE: *Back side of panel shown. Use caution not to drill through front of panel.*

(Installation Option)

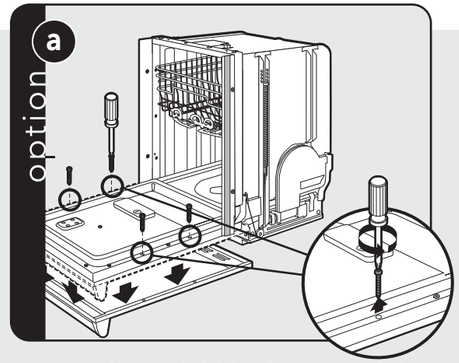
Have the overlay panel constructed per dimensions. The panel thickness MAY NOT exceed 5/8" (1.6 cm) for flush installation in most cabinets. Ensure that the design, construction, and installation of the panel overlay and its handle mounting is sufficient to reliably operate in this application with a maximum panel weight of 18 lbs. (8.2 kg.) Custom panels should not exceed 18 lbs. (8.2 kg.)

Obtain four screws with the proper thread type for the overlay material chosen. The screws MUST BE #8 flat head, 1-3/4" long and MUST BE stainless steel to avoid corrosion.

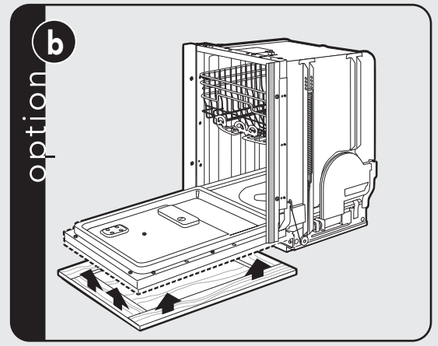
If dishwasher has a metal door skin installed, remove the four screws. DO NOT remove any other fasteners and ensure that only the proper screws are removed.

Carefully tighten each screw to secure the overlay and check to ensure that the overlay is square with the dishwasher door and cabinet opening and that the panel doesn't interfere with the operation of the dishwasher.

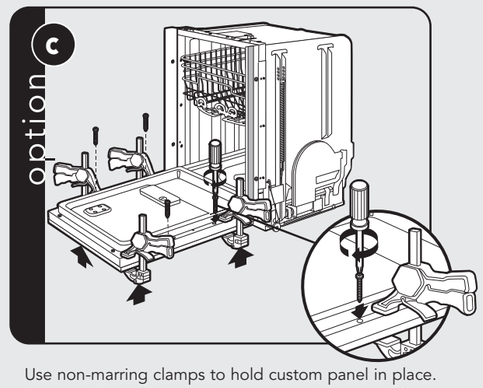
Verify operation of the door counter balance springs after installation of the overlay panel. The additional weight of the overlay panel might require an adjustment to the preload of the counterbalance springs. If adjustment of the springs is required, please refer to the "Counter Balance Spring" section.



To remove face panel of dishwasher remove only the 4 Phillips screws - do not remove any other fasteners.



Position custom face panel on front of dishwasher.



Use non-marring clamps to hold custom panel in place. Secure with #8 1-3/4"(4.5 cm) long, stainless steel flat head screws.

General Information

- Read these instructions carefully and completely before installing the dishwasher. The installation should be carried out by a qualified installer, who is familiar with all local codes and ordinances for electrical and plumbing connections. If the dishwasher is being installed for the first time, most of the work has to be done before you move it into place. If you are replacing an old dishwasher, you must check the old connections.
- Electrical requirements are listed in the "Specifications" section (page 5).

Site Preparation

NOTE: *It is recommended that a thorough site inspection be conducted PRIOR to unpacking and moving this appliance.*

- **After determining where the water supply line will connect to the dishwasher, provide a 2" (5.1 cm) access hole and run the line to the approximate fill valve location. Sealing access area once lines are in place is recommended.**
- Confirm available access to adequate power.

Water Supply

⚠ WARNING

Plumbing connections must comply with applicable sanitary, safety, and plumbing codes.

- Water pressure for the water supply should be a minimum of 10 to 125 psi. The dishwasher is supplied with a 5' (1.5 m) braided stainless steel water line with 3/8" (0.95 cm) compression fitting connected to dishwasher.
- After determining where the water supply line will connect to the dishwasher, provide a 2" (5.1 cm) access hole and run the water supply line to the approximate fill valve location.
- For service convenience, a shut-off valve (not supplied) should be installed in the supply line in a readily accessible location (such as beneath the sink).
- **It is recommended that the dishwasher be connected to a hot water supply.** If a cold water supply is used, cycle times will vary.
- It is important that the water supply line and the shut-off valve have a sufficient flow volume. Flush the supply line prior to connecting it to the intake line of the dishwasher.
- Make sure the connection is sealed and not leaking before completing the installation.

Drain

- The access hole for the drain line should be 2" square (5.1 cm). Locate as low and as near to the back wall as possible.
- Do not use any fittings anywhere in the drain line that are less than 1/2" (1.3 cm) ID.
- If the drain line is going to be connected to a food waste disposer, be sure to remove the knockout or plug from the fitting before connecting drain line.
- Drain connection should be a minimum of 9" (22.9cm) from the floor. If connection is lower, siphoning during cycle can occur.

⚠ CAUTION

The dishwasher has a factory installed backflow preventer. Do Not add an additional check valve.

NOTE: *The end of the drain hose is 1" (2.5 cm), but is adjustable to 3/4" (1.9 cm) or 5/8" (1.6 cm). If the drain connection is smaller than 1" (2.5 cm), the hose can be cut to fit the connection.*

www.dexpress.com Cond Inst Page 7 of 76 VDB450 6/25/2009

General Information

NOTE: *Be sure to run the drain line through the hole to the sink compartment before moving the dishwasher into place.*

Electrical Connections

This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances.

⚠ WARNING

Disconnect the electrical power supply and place a tag at the disconnect switch indicating that you are working on the circuit.

Grounding Instructions if Hardwired:
This appliance must be connected to a grounded metal, permanent wiring system; or an equipment grounding conductor must be run with the circuit conductors and connected to the equipment – grounding terminal or lead on the appliance.

- For a cord connected undercounter dishwasher:
  1. The power supply receptacle for the appliance should be installed in a cabinet or on a wall adjacent to the under counter space in which the appliance is to be installed;
  2. There should be an opening through the partition between the compartments mentioned in Item (1), that is large enough for the attachment plug to pass through.
  3. The edges of the opening mentioned in Item (2) should, if the partition is wood, be smooth and rounded or, if the partition is metal, be covered with the grommet provided for this purpose by the manufacturer; and
  4. Care should be exercised, when the appliance is installed or removed to reduce the likelihood of damage to the power supply cord.
- The dishwasher comes with a 5' (1.8 m) electrical cord for 110-120 volts, 15/20 amp supply. This cord should be plugged into the 110-120 volt outlet located under the sink.
- If the cord is not long enough or if a hard wire installation is needed, follow the instructions on page 10.

NOTE: *Access holes should be 2" square (5.1 cm) with no sharp edges.*

⚠ WARNING

Be sure electrical power is turned off at circuit breaker or fuse box before servicing or installing unit. Do not use an extension cord for this appliance.

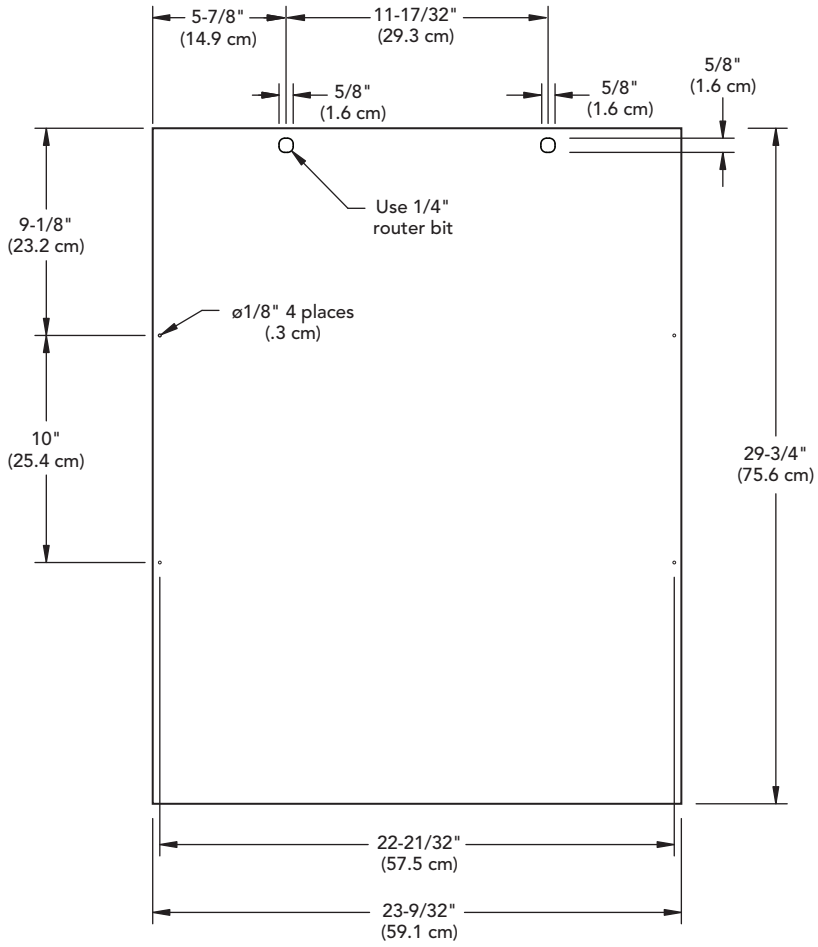
⚠ WARNING

Improper connection of the equipment – grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

Dimensions & Specifications

CUSTOM PANEL DIMENSIONS

DFB450



Note: *Check that the door can be opened at any angle. If it tends to fall down, you may need to adjust the door spring tension.*

	DFB450
Overall panel width	**22-21/32" (57.5 cm)**
Overall panel height	**29-3/4" (75.6 cm)**
Overall panel depth	**5/8" (1.6 cm)**
Maximum panel weight	**18 lbs. (8.2 kg)**

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This Data Sheet Includes Information On

Viking

• Product Model Number (s): •

Wall Hood:
VCWH3648

• Dimensions (Actual Size) •

Width: 35 7/8"
Upper depth: 12"
Lower depth: 24"
Body height: 18"
Maximum chimney height: 24"
Minimum chimney height: 12"

• Additional Information •

• Units available in Stainless Steel (SS), Black (BK), White (WH), Almond (AL), Biscuit (BT), Stone Gray (SG), Graphite Gray (GG), Burgundy (BU), Lemonade (LE), Mint Julep (MJ), Forest Green (FG), Viking Blue (VB), Cobalt Blue (CB) and Eggplant (EP).
• IMPORTANT: Do NOT obstruct motor cooling vent area.
• Always vent this product outside. DO NOT vent to an attic, wall, garage, room or crawl space.
• The external blowers must be vented and connected separately. Do not restrict ducting anywhere, including roof jacks or wall louvers.
• If possible, the vent pipe should be installed in a straight line from the rangehood through the roof, eliminating or reducing the number of elbow joints (elbows reduce the efficiency of the blower). If elbow joints are necessary, they should make gradual turns. Elbows of 90° should be avoided. Each 90° elbow is equivalent to increasing distance by 5-10 feet. Make gradual turns or use 45° elbows. In runs of longer than 20 feet, the duct size can be enlarged by at least 1" after the first 10 feet to improve performance.
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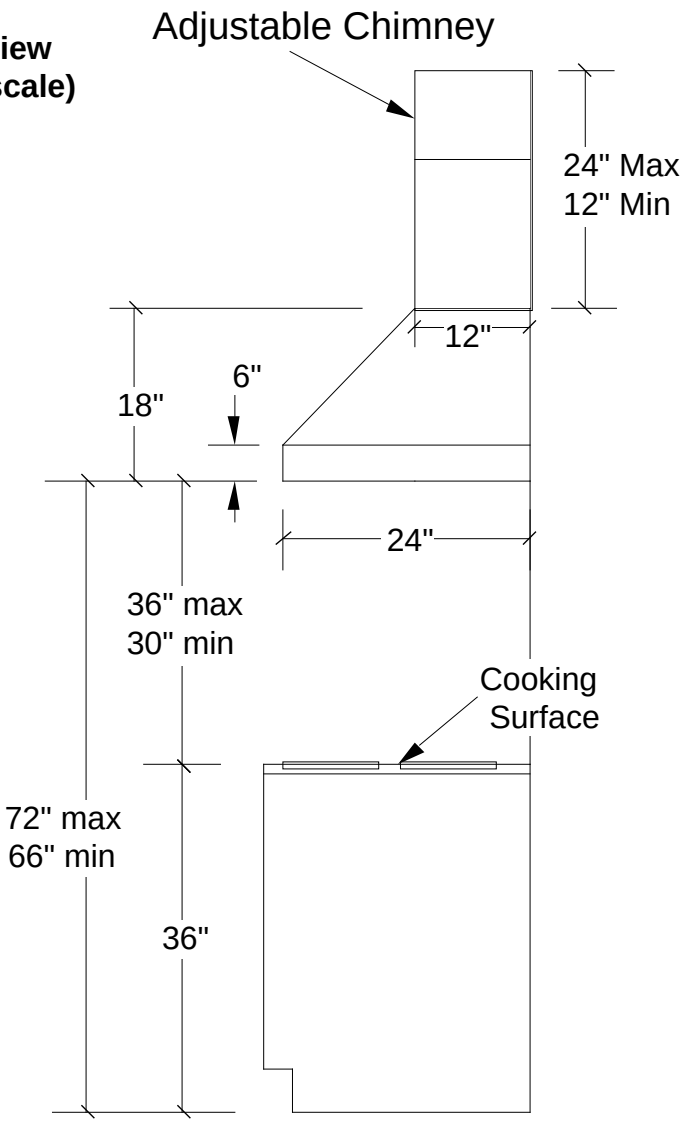
See page 2 for additional information

Side View
(not to scale)



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234

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BN • A234B149 • • 071804 • 132418 • 65742

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Page 2

This Data Sheet Includes Information On
Viking

• Product Model Number (s): •

Wall Hood:
VCWH3648

Additional Information:

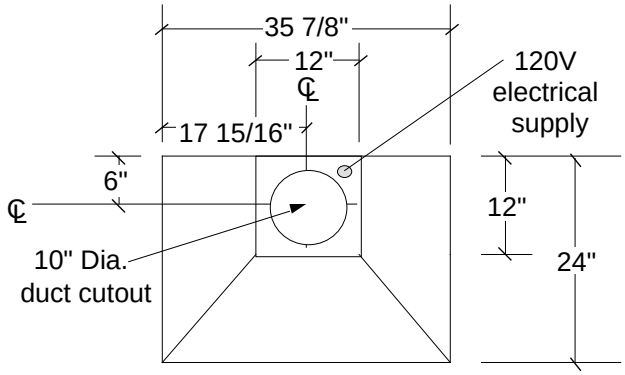
• Ventilators recommended for this unit are DIV600 (interior) or DEV900 (exterior). Ventilators are ordered separately.
• DIV600: 600 CFM. 120VAC, 60Hz, 6.0 maximum amps. Unit requires a round duct size of 7", this should never be reduced. Never use flexible duct. Maximum equivalent duct length is 50 feet; for longer duct runs, increase duct size and contact a qualified and trained installer.
• DEV900: 900 CFM. 120VAC, 60Hz, 8.7 maximum amps. Unit requires a minimum round duct size of 10" or equivalent, this should never be reduced. Never use flexible duct. Maximum equivalent duct length is 50 feet; for longer duct runs, increase duct size and contact a qualified and trained installer.

Accessories:
• WGP30 : Wall hood warming shelf panels. The bottom edge of the warming shelf panels drop 14 1/2" below the bottom edge of the hood.
• BKS30 : Wall hood backsplash (30" high).

Options:
• Brass or Chrome accessory rail.

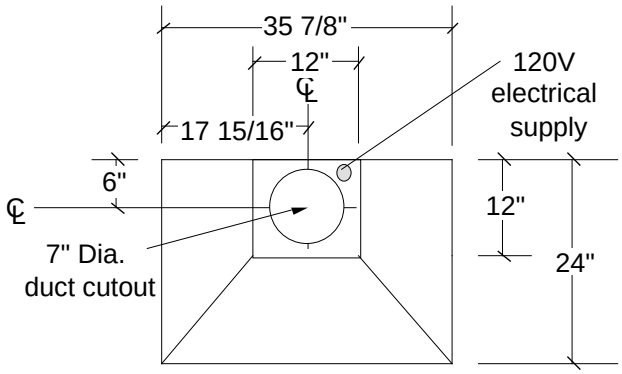
DEV900 Ventilator cutouts

Top View
(not to scale)



DIV600 Ventilator cutouts

Top View
(not to scale)



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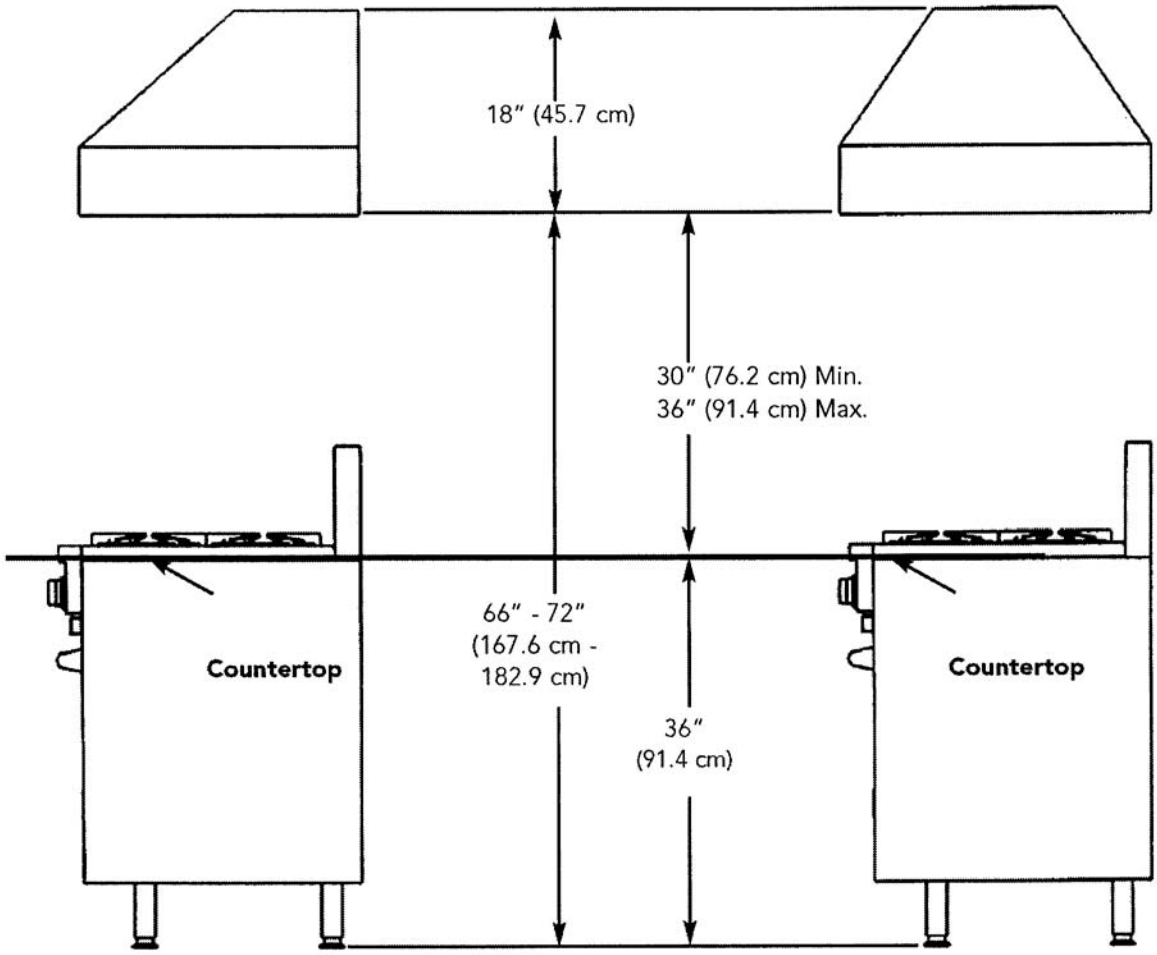
BN • A234B149 • • 071804 • 132418 • 65742

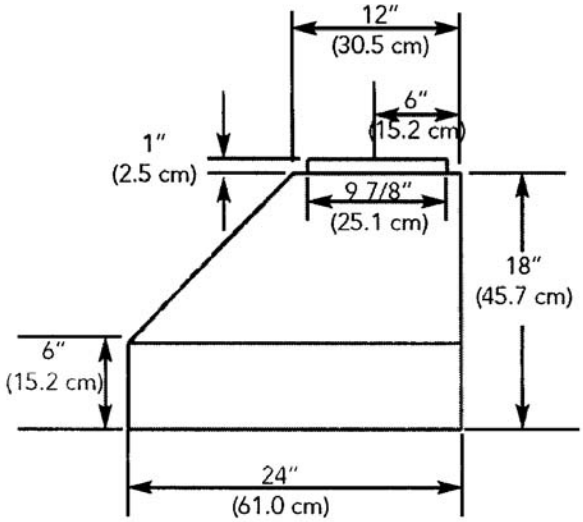
HEIGHT OF HOOD

The bottom of the hood should be 30" (76.2 cm) min. to 36" (91.4 cm) max. above the countertop. This would typically result in the bottom of the hood being 66" (167.6 cm) to 72" (175.3 cm) above the floor. The bottom of the hood should never be more than 72" (182.9 cm) above the floor or more than 36" (91.4 cm) above the countertop. These dimensions provide for safe and efficient operation of the hood.

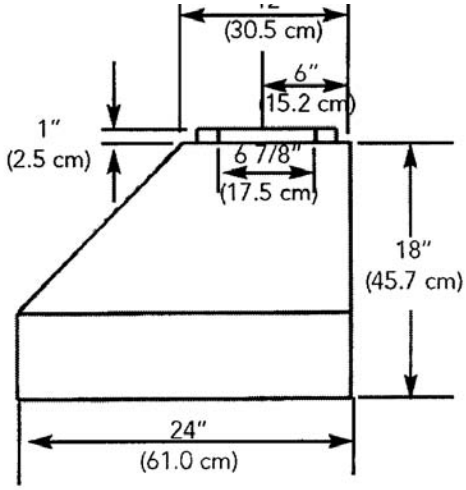
WALL INSTALLATION **ISLAND INSTALLATION**



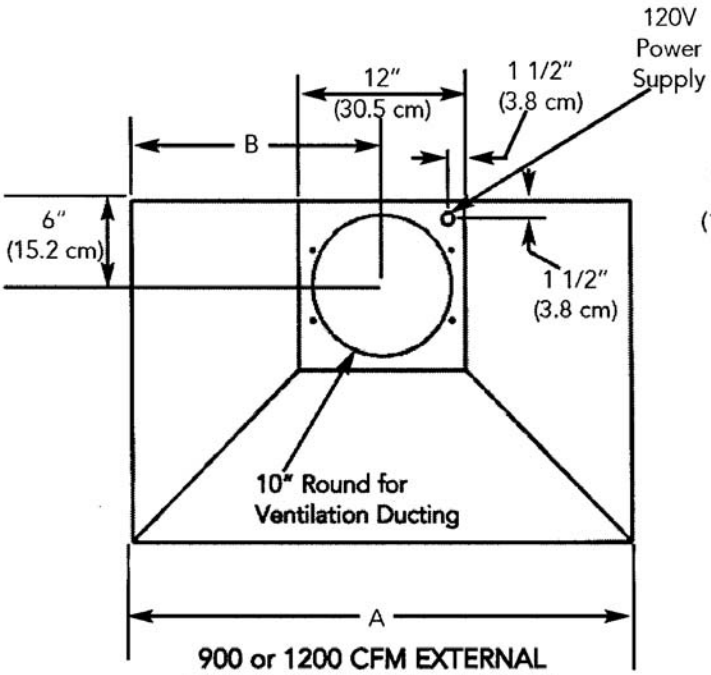
WALL HOOD DIMENSIONS
30"/36"/42" W. PROFESSIONAL CHIMNEY HOODS



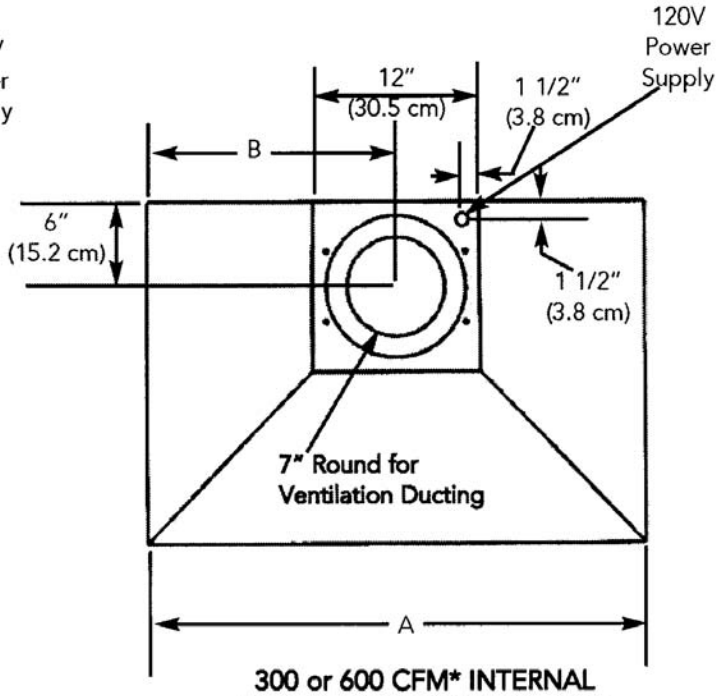
900 or 1200 CFM EXTERNAL VENTILATION INSTALLATION



300 or 600 CFM* INTERNAL VENTILATION INSTALLATION



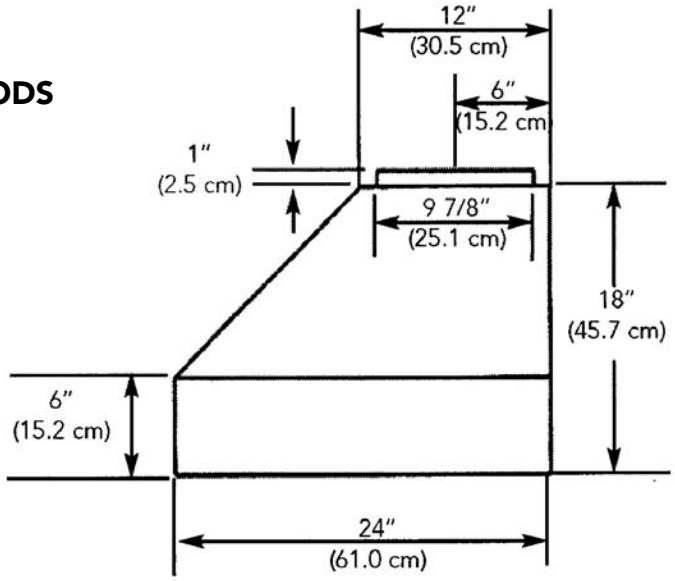
900 or 1200 CFM EXTERNAL VENTILATION INSTALLATION (10" Duct Required)



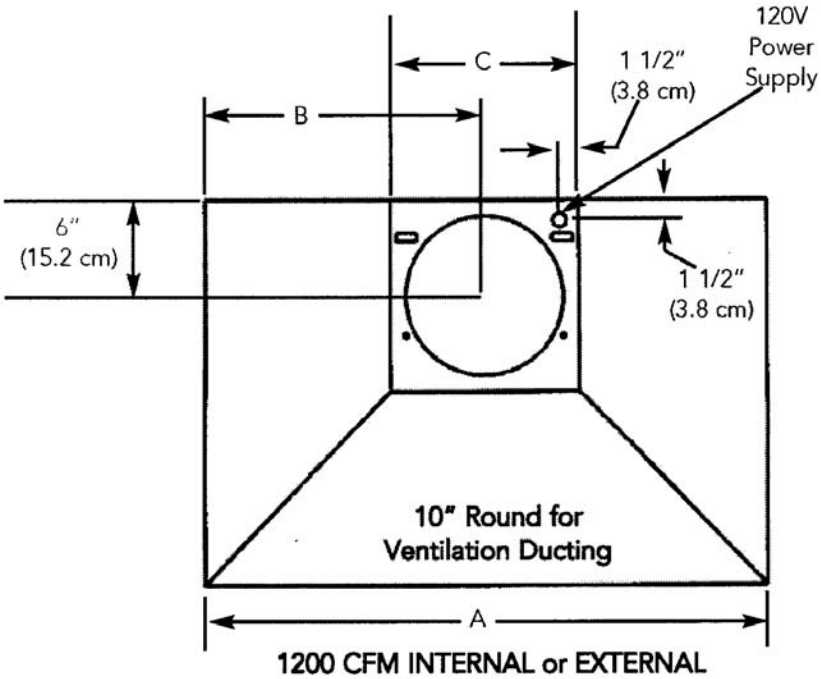
300 or 600 CFM* INTERNAL VENTILATION INSTALLATION (7" Duct Required)

	A	B
30" W.	29 7/8" (75.9 CM)	14 15/16" (37.9 cm)
36" W.	35 7/8" (91.3 cm)	17 15/16" (45.6 cm)
42" W.	41 7/8" (106.4 cm)	20 15/16" (53.2 cm)

WALL HOOD DIMENSIONS
48"/54"/60"/66" W.
PROFESSIONAL CHIMNEY HOODS



1200 CFM INTERNAL or EXTERNAL
1500 CFM EXTERNAL
VENTILATION INSTALLATION

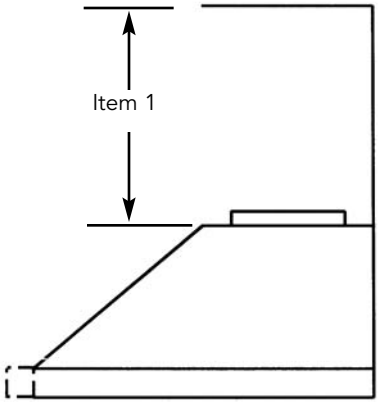


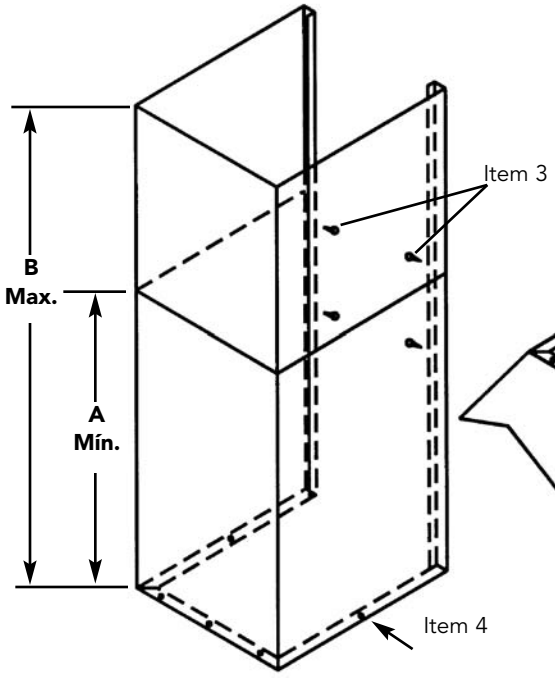
1200 CFM INTERNAL or EXTERNAL
1500 CFM EXTERNAL
VENTILATION INSTALLATION
(10" Duct Required)

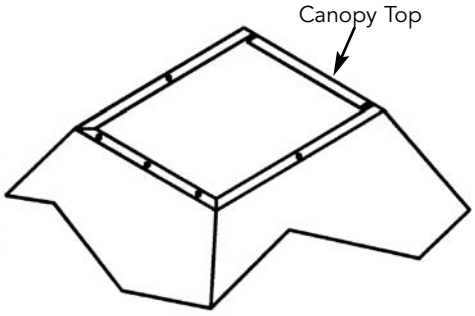
	A	B	C
48" W.	47 7/8" (121.6 cm)	23 15/16" (60.8 cm)	18" (45.7 cm)
54" W,	53 7/8" (136.8 cm)	26 15/16" (68.4 cm)	18" (45.7 cm)
60" W.	59 7/8" (152.1 cm)	29 15/16" (76.0 cm)	24" (61.0 cm)
66" W.	65 7/8" (167.3 cm)	32 15/16" (83.7 cm)	24" (61.0 cm)

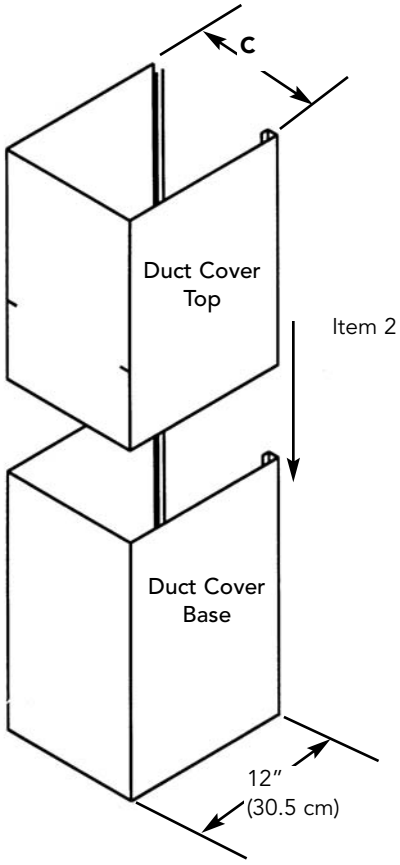
INSTALLING THE WALL HOOD DUCT COVER

1. Measure from top of the canopy to ceiling and subtract 1/8" (0.3 cm) for clearance.
2. Place the duct cover top inside the duct cover base and lower until desired height is found. (To eliminate scratches, make a mark on the duct cover top for the desired lowering point by subtracting 18" (45.7 cm) from the total height needed.)
3. Use the retaining nuts and bolts to fasten in place.
4. Slide the duct cover in place and fasten from inside canopy using the sheet metal screws provided.
5. Note: For installations with ceilings above 9' (22.9 cm), use optional duct extensions. See product literature for details









Model	"A" Mín.	"B" Max	"C"
VCWH3048	12" (30.5 cm)	24" (61.0 cm)	12" (30.5 cm)
VCWH3648	12" (30.5 cm)	24" (61.0 cm)	12" (30.5 cm)
VCWH4248	12" (30.5 cm)	24" (61.0 cm)	12" (30.5 cm)
VCWH4848	12" (30.5 cm)	24" (61.0 cm)	18" (45.7 cm)
VCWH5548	12" (30.5 cm)	24" (61.0 cm)	18" (45.7 cm)
VCWH6048	12" (30.5 cm)	24" (61.0 cm)	24" (61.0 cm)
VCWH6648	12" (30.5 cm)	24" (61.0 cm)	24" (61.0 cm)

BASIC SPECIFICATIONS
INTERIOR AND EXTERIOR POWER HOODS

WALL HOODS

DESCRIPTION	RECOM. CFM[1] (int.-interior; ext.-exterior)	NUMBER OF HALOGEN LIGHTS	250 WATT HEAT LAMPS (Sold Separately)	FILTERS	SPACERS Center	SPACERS LH	SPACERS RH	120VAC/60Hz MAX. AMPS3 (Interior/Exterior)
30" W.	300 int./600 int./900 ext./1200 ext.	2	1	2	0	1	1	3.9/6.0/8.7/6.0
36" W. *	300 int./600 int./900 ext./1200 ext.	2	1	2	1	1	1	3.9/6.0/8.7/6.0
42"W.*	600 int./900 ext./1200 ext.	2	1	2	1	1	1	6.0/8.7/6.1
48" W.	1200 int./1200 ext./1500 ext.	3	2	2	1	1	1	11.5/8.5/9.2
54" W.	1200 int./1200 ext./1500 ext.	3	2	3	2	1	1	11.5/8.5/9.2
60" W.	1200 int./1200 ext./1500 ext.	4	2	3	2	1	1	11.9/8.9/9.7
66" W.	1200 int./1200 ext./1500 ext.	4	2	3	0	1	1	11.9/8.9/9.7

ISLAND HOODS

DESCRIPTION	RECOM. CFM[1] (int.-interior; ext.-exterior)	NUMBER OF HALOGEN LIGHTS	FILTERS	SPACERS Center	SPACERS LH	SPACERS RH	120VAC/60Hz MAX. AMPS3 (Interior/Exterior)
36" W.*	600 int./900 ext./1200 ext.	4	4	2	2	2	3.9/6.6/3.9
42"W.*	600 int./900 ext./1200 ext./1500 ext.	4	4	2	2	2	4.7/7.4/4.8/5.5
54" W.	1200 int./1200 ext./1500 ext.	6	6	2	2	2	8.6/5.6/6.4
66" W.	1200 int./1200 ext./1500 ext.	8	8	2	2	2	9.5/6.5/7.3

*1200 or 1500 CFM exterior ventilator should be used when installed over ranges/rangetops with gas grill.

MODEL NUMBER	CFM[1]	RECOMMENDED DUCT SIZE	MAX. DUCT RUN[2] (ft.)
For Use with hoods:			
DIV300 (interior)	300	7" round	50
DIV600 (interior)	600	7" round	50
DIV1200 (interior)	1200	10" round	50
DEV900 (exterior)	900	10" round	50
DEV1200 (exterior)	1200	10" round	50
DEV1500 (exterior)	1500	10" round	75

PROPER INSTALLATION/DUCTING IS EXTREMELY IMPORTANT TO ENSURE MAXIMUM PERFORMANCE FROM ANY VENTILATION PRODUCT

1. •All CFMs stated are based on tests at .1 static pressure: without applying static pressure, CFM would be greatly overstated.
2. •Duct run length is for general reference only; for longer duct runs, increase duct size and contact a qualified and trained installer.
   •Straight runs and gradual turns are best; for example, each 90o elbow is equivalent to 5-10 feet (1.52 - 3.05 cm) of straight run.
   •Never use flexible duct; it creates back pressure/air turbulence and greatly reduces performance.
   •Proper performance is dependent upon proper ducting; make sure that a qualified and trained installer is used.
   •Check with a qualified and trained installer or local codes for makeup air requirement, if any.
3. •Max. amp rating for hoods includes recommended ventilator kit rating; all products must be hard wired direct with 2-wire with ground.

BASIC SPECIFICATIONS
INTERIOR AND EXTERIOR POWER HOODS

WALL HOODS

DESCRIPTION	RECOM. CFM[1] (int.-interior; ext.-exterior)	NUMBER OF HALOGEN LIGHTS	250 WATT HEAT LAMPS (Sold Separately)	FILTERS	SPACERS Center	SPACERS LH	SPACERS RH	120VAC/60Hz MAX. AMPS3 (Interior/Exterior)
30" W.	300 int./600 int./900 ext./1200 ext.	2	1	2	0	1	1	3.9/6.0/8.7/6.0
36" W. *	300 int./600 int./900 ext./1200 ext.	2	1	2	1	1	1	3.9/6.0/8.7/6.0
42"W.*	600 int./900 ext./1200 ext.	2	1	2	1	1	1	6.0/8.7/6.1
48" W.	1200 int./1200 ext./1500 ext.	3	2	2	1	1	1	11.5/8.5/9.2
54" W.	1200 int./1200 ext./1500 ext.	3	2	3	2	1	1	11.5/8.5/9.2
60" W.	1200 int./1200 ext./1500 ext.	4	2	3	2	1	1	11.9/8.9/9.7
66" W.	1200 int./1200 ext./1500 ext.	4	2	3	0	1	1	11.9/8.9/9.7

ISLAND HOODS

DESCRIPTION	RECOM. CFM[1] (int.-interior; ext.-exterior)	NUMBER OF HALOGEN LIGHTS	FILTERS	SPACERS Center	SPACERS LH	SPACERS RH	120VAC/60Hz MAX. AMPS3 (Interior/Exterior)
36" W.*	600 int./900 ext./1200 ext.	4	4	2	2	2	3.9/6.6/3.9
42"W.*	600 int./900 ext./1200 ext./1500 ext.	4	4	2	2	2	4.7/7.4/4.8/5.5
54" W.	1200 int./1200 ext./1500 ext.	6	6	2	2	2	8.6/5.6/6.4
66" W.	1200 int./1200 ext./1500 ext.	8	8	2	2	2	9.5/6.5/7.3

*1200 or 1500 CFM exterior ventilator should be used when installed over ranges/rangetops with gas grill.

MODEL NUMBER	CFM[1]	RECOMMENDED DUCT SIZE	MAX. DUCT RUN[2] (ft.)
For Use with hoods:			
DIV300 (interior)	300	7" round	50
DIV600 (interior)	600	7" round	50
DIV1200 (interior)	1200	10" round	50
DEV900 (exterior)	900	10" round	50
DEV1200 (exterior)	1200	10" round	50
DEV1500 (exterior)	1500	10" round	75

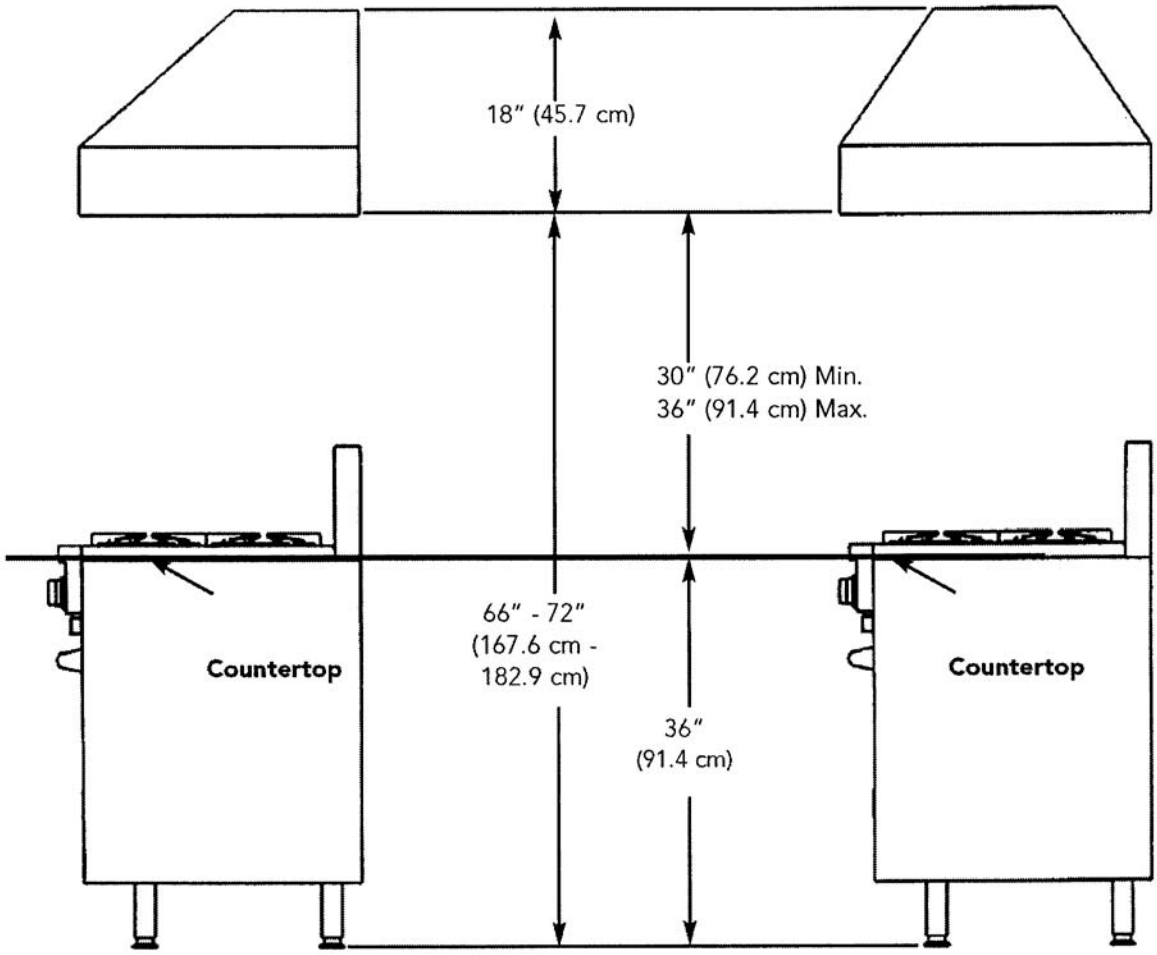
PROPER INSTALLATION/DUCTING IS EXTREMELY IMPORTANT TO ENSURE MAXIMUM PERFORMANCE FROM ANY VENTILATION PRODUCT

1. •All CFMs stated are based on tests at .1 static pressure: without applying static pressure, CFM would be greatly overstated.
2. •Duct run length is for general reference only; for longer duct runs, increase duct size and contact a qualified and trained installer.
   •Straight runs and gradual turns are best; for example, each 90o elbow is equivalent to 5-10 feet (1.52 - 3.05 cm) of straight run.
   •Never use flexible duct; it creates back pressure/air turbulence and greatly reduces performance.
   •Proper performance is dependent upon proper ducting; make sure that a qualified and trained installer is used.
   •Check with a qualified and trained installer or local codes for makeup air requirement, if any.
3. •Max. amp rating for hoods includes recommended ventilator kit rating; all products must be hard wired direct with 2-wire with ground.

HEIGHT OF HOOD

The bottom of the hood should be 30" (76.2 cm) min. to 36" (91.4 cm) max. above the countertop. This would typically result in the bottom of the hood being 66" (167.6 cm) to 72" (175.3 cm) above the floor. The bottom of the hood should never be more than 72" (182.9 cm) above the floor or more than 36" (91.4 cm) above the countertop. These dimensions provide for safe and efficient operation of the hood.

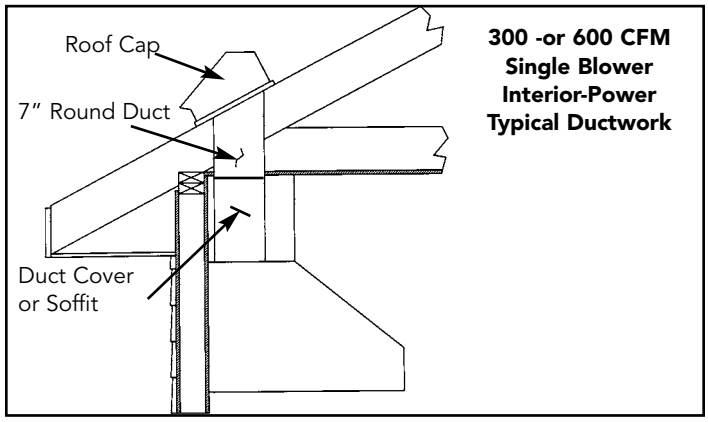
WALL INSTALLATION **ISLAND INSTALLATION**

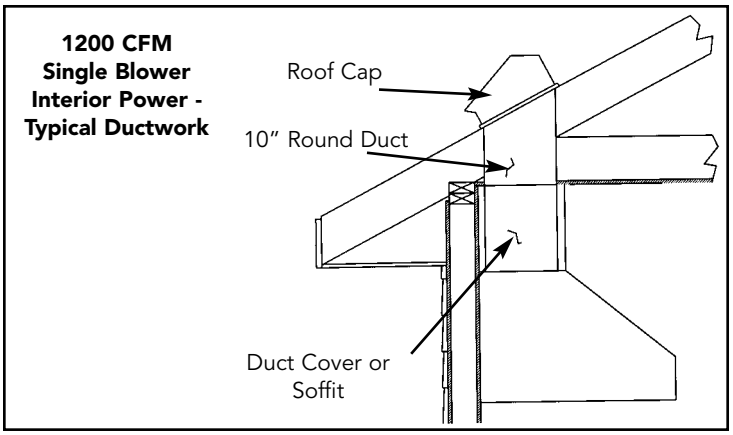


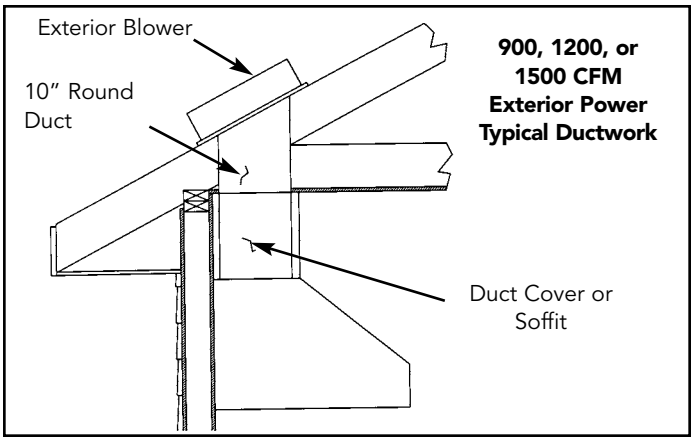
PREPARING FOR HOOD INSTALLATION

Plan where the ductwork will be located. See pages 11-14 for rough-in dimensions. Install proper-sized duct work, and roof or wall cap for the type of blower you are using. Recommended hood locations for the most common installations are shown on page 2.

Adjust your measurements for various heights of ceilings, soffits, cabinets, or ranges/rangetops.







ELECTRICAL SUPPLY

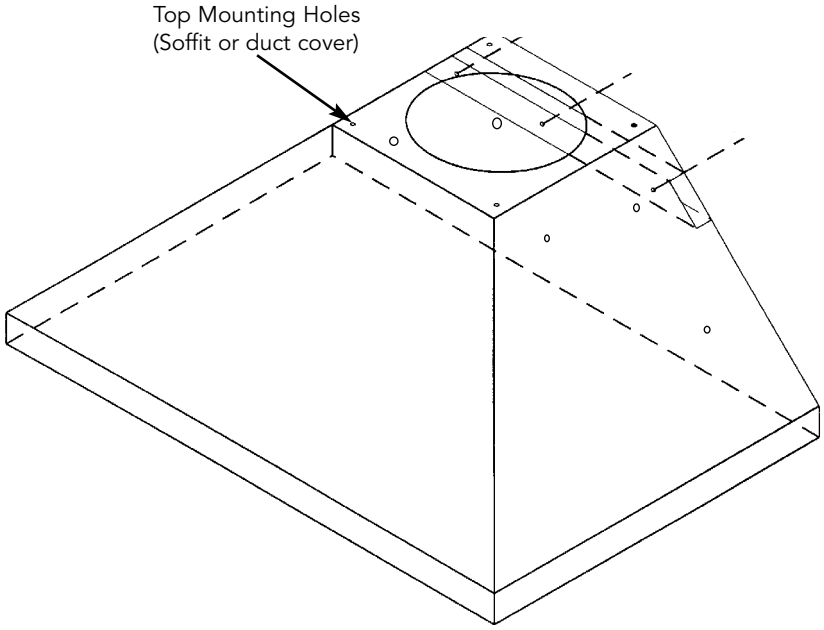
Run 120 VAC electrical power cable from service panel to installation location. See "Basic Specifications" on page 15 for the maximum amp requirements.

(BEFORE INSTALLING ISLAND HOOD CANOPY, SKIP TO PAGE 5)

INSTALLING HOOD CANOPY

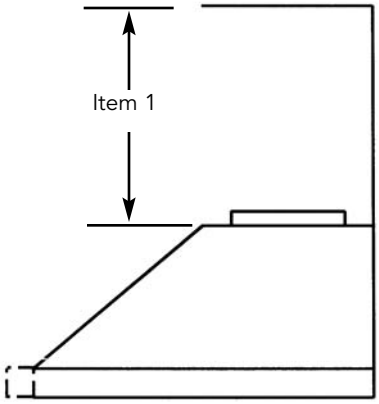
Center the canopy and attach to wall. Secure the hood to wall with mounting screws provided. Make sure that the mounting screws are driven into the framing and not just the drywall. Use additional mounting screws (and wall anchors if necessary) in the other holes.

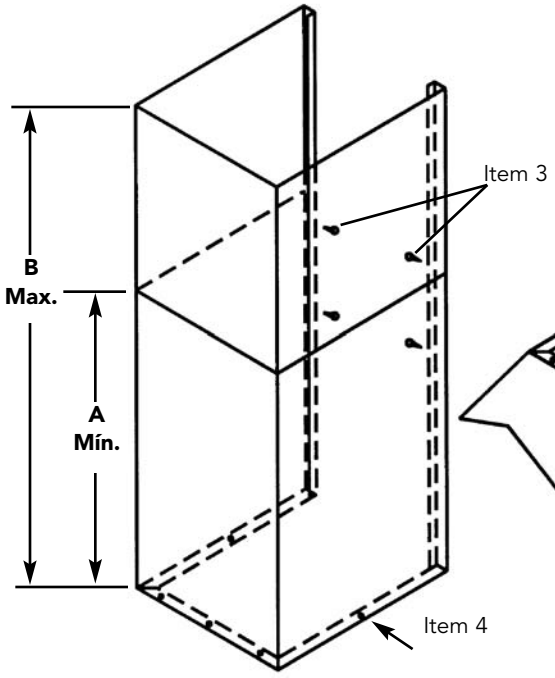
NOTE: BECAUSE OF THE WEIGHT OF THE HOOD - MAKE SURE THAT THE MOUNTING SCREWS ARE DRIVEN INTO THE FRAMING AND NOT JUST THE DRYWALL. IT MAY BE NECESSARY TO DRILL ADDITIONAL HOLES IN THE CANOPY FOR PROPER ALIGNMENT.

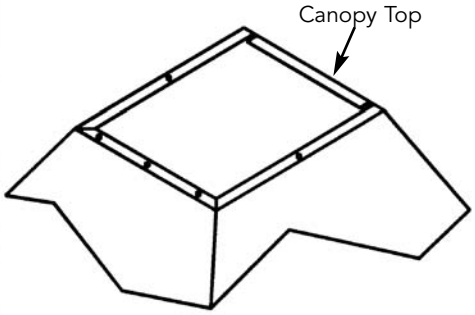


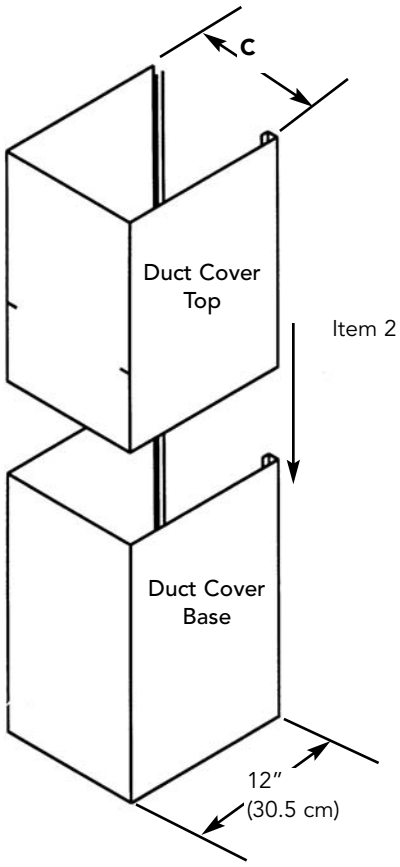
INSTALLING THE WALL HOOD DUCT COVER

1. Measure from top of the canopy to ceiling and subtract 1/8" (0.3 cm) for clearance.
2. Place the duct cover top inside the duct cover base and lower until desired height is found. (To eliminate scratches, make a mark on the duct cover top for the desired lowering point by subtracting 18" (45.7 cm) from the total height needed.)
3. Use the retaining nuts and bolts to fasten in place.
4. Slide the duct cover in place and fasten from inside canopy using the sheet metal screws provided.
5. Note: For installations with ceilings above 9' (22.9 cm), use optional duct extensions. See product literature for details







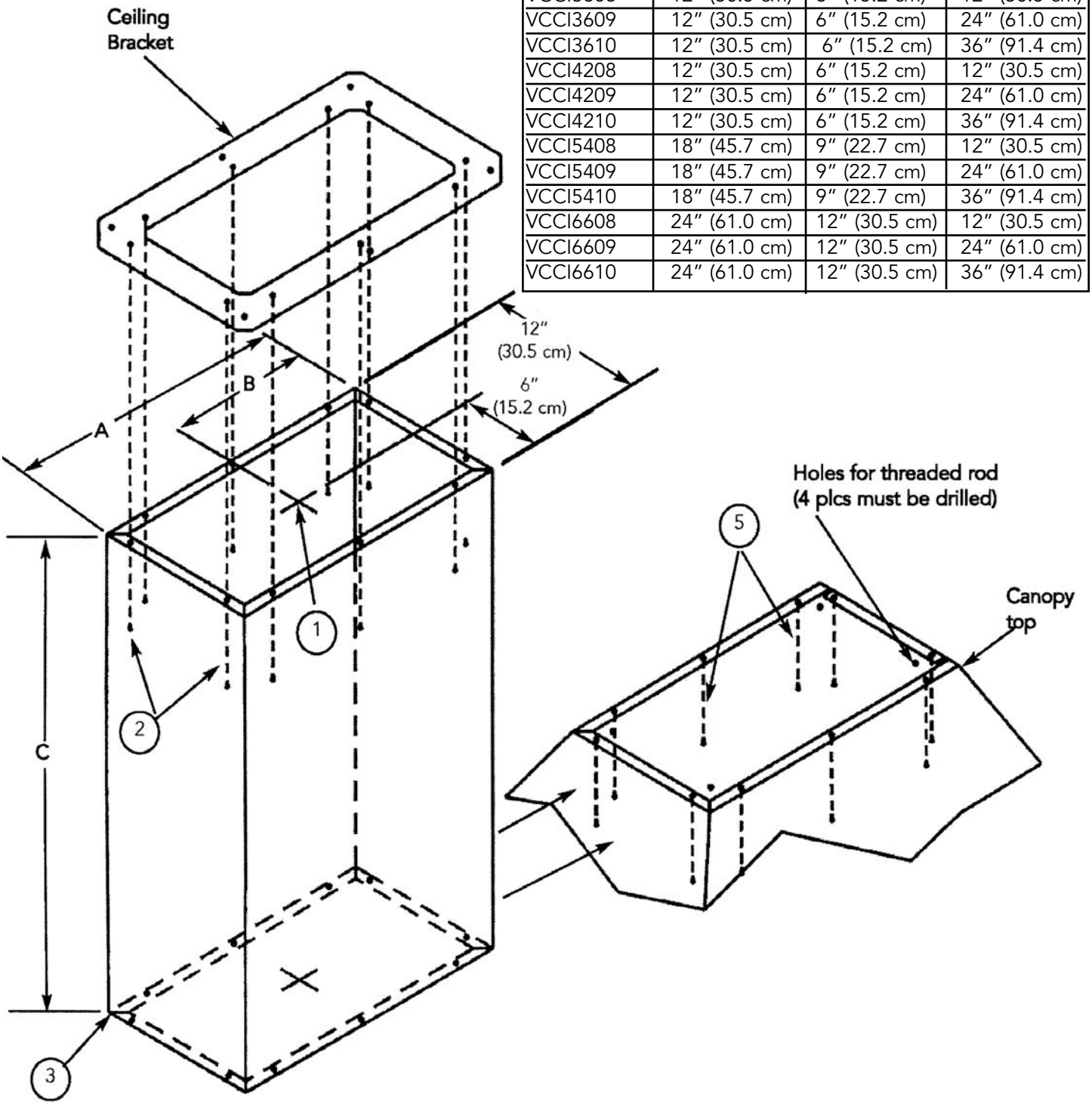


Model	"A" Mín.	"B" Max	"C"
VCWH3048	12" (30.5 cm)	24" (61.0 cm)	12" (30.5 cm)
VCWH3648	12" (30.5 cm)	24" (61.0 cm)	12" (30.5 cm)
VCWH4248	12" (30.5 cm)	24" (61.0 cm)	12" (30.5 cm)
VCWH4848	12" (30.5 cm)	24" (61.0 cm)	18" (45.7 cm)
VCWH5548	12" (30.5 cm)	24" (61.0 cm)	18" (45.7 cm)
VCWH6048	12" (30.5 cm)	24" (61.0 cm)	24" (61.0 cm)
VCWH6648	12" (30.5 cm)	24" (61.0 cm)	24" (61.0 cm)

INSTALLING THE ISLAND HOOD DUCT COVER

1. Cut hole in ceiling for 10" diameter duct.
2. Attach duct cover mounting bracket to the top of the duct cover with the nuts and screws provided.
3. Using the screws provided, mount the bracket to the ceiling. Make sure the area is able to support at least 200 lbs. (Center duct cover with 10" diameter hole.)
4. Run duct work down to bottom edge of duct cover and secure in place. Make sure the duct does not stick down past the cover.
5. Attach duct cover to the top of the canopy with screws provided. Additional support can be added by running threaded rod from the ceiling to the top of the canopy at all four corners. Holes must be drilled.
6. Install blower. (See ventilation kit installation.)

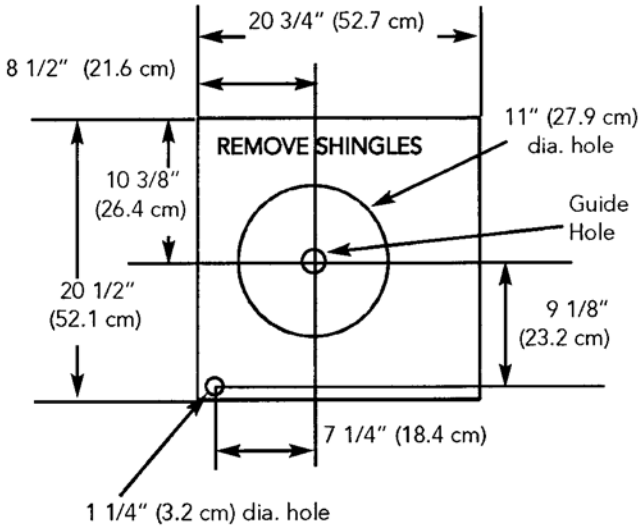
Model	"A"	"B"	"C"
VCCI3608	12" (30.5 cm)	6" (15.2 cm)	12" (30.5 cm)
VCCI3609	12" (30.5 cm)	6" (15.2 cm)	24" (61.0 cm)
VCCI3610	12" (30.5 cm)	6" (15.2 cm)	36" (91.4 cm)
VCCI4208	12" (30.5 cm)	6" (15.2 cm)	12" (30.5 cm)
VCCI4209	12" (30.5 cm)	6" (15.2 cm)	24" (61.0 cm)
VCCI4210	12" (30.5 cm)	6" (15.2 cm)	36" (91.4 cm)
VCCI5408	18" (45.7 cm)	9" (22.7 cm)	12" (30.5 cm)
VCCI5409	18" (45.7 cm)	9" (22.7 cm)	24" (61.0 cm)
VCCI5410	18" (45.7 cm)	9" (22.7 cm)	36" (91.4 cm)
VCCI6608	24" (61.0 cm)	12" (30.5 cm)	12" (30.5 cm)
VCCI6609	24" (61.0 cm)	12" (30.5 cm)	24" (61.0 cm)
VCCI6610	24" (61.0 cm)	12" (30.5 cm)	36" (91.4 cm)

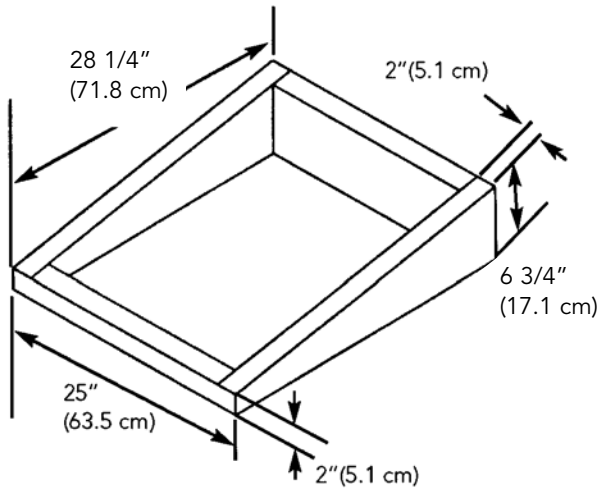


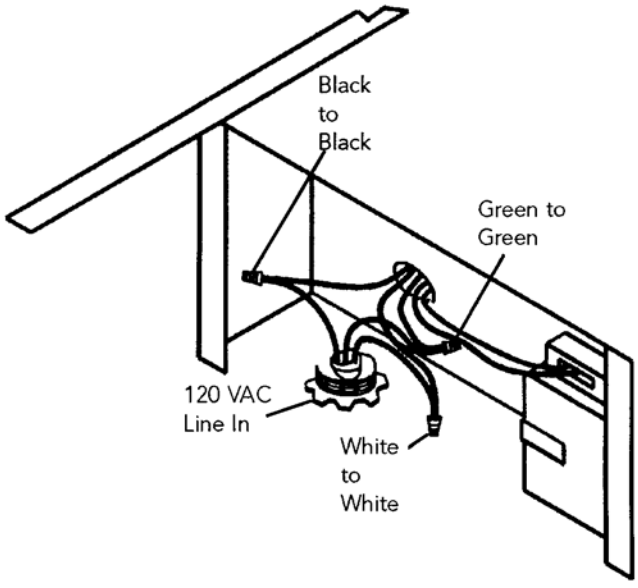
ROOF INSTALLATION
EXTERIOR-POWER VENTILATOR
DEV900-EXTERIOR POWER VENTILATOR KIT (900 CFM)

1. Locate the blower on the rear slope of the roof. Place it in a location to minimize duct run. The location should be free of obstacles (TV leads, electrical lines, etc.). Bear in mind, if the blower top is level with the roof peak, it will not be seen from the street. Keep this approximate location in mind as you work from within the attic.
2. Mark a point halfway between rafters.
3. Drill a guide hole through the roof at this point.
4. From the outside, use the guide hole as a starting point.
   A. Use a T-square to measure 8 1/2" (21.6 cm) to the left of the guide hole, then down 10 3/8" (26.4 cm) to locate the bottom left corner of the layout.
   B. Mark the rectangular cutout and remove only the shingles in this area.
5. Mark an 11" (27.9 cm) diameter circle centered on the guide hole and mark the center of the 1 1/4" (3.2 cm) diameter electrical wiring hole.
6. Cut out the roof board(s) along the 11" (27.9 cm) diameter circle and drill a 1 1/4" hole as marked.
7. For flat roof installation, build a curb that will mount the blower at a minimum pitch of 2/12. Discard end of the blower should be pointed away from prevailing winds.
8. Remove roofing nails from the upper two-thirds of the shingles around the cutout area. Carefully lift the shingles to allow the back flashing sheet on the blower housing to fit under them.
9. Center the blower ring in the 11" (27.9 cm) diameter hole, making sure that the 1 1/4" (3.2 cm) diameter electrical wiring hold aligns with the hole in the wiring box.
10. Attach the blower to the roof with the six screws provided. It is recommended that the screws be located inside the blower housing. All six holes in the back panel must be filled, or any moisture that may get inside the housing could leak into the house.
11. Using a good grade of roofing cement, seal all of the shingles around the housing and flashing sheet as well as the mounting screw heads.
12. Bring electrical wiring through the hole in the wiring box and secure it according to local codes.
13. Make the electrical connections with the proper connector for the type of wiring being used. Connect white to white, black to black, and green or bare wire to green.
14. Replace wiring box cover and screws. Do not pinch wiring under the cover.
15. Check for free movement of the damper before installing housing cover and screws.
16. Turn on power and check operation of the blower.

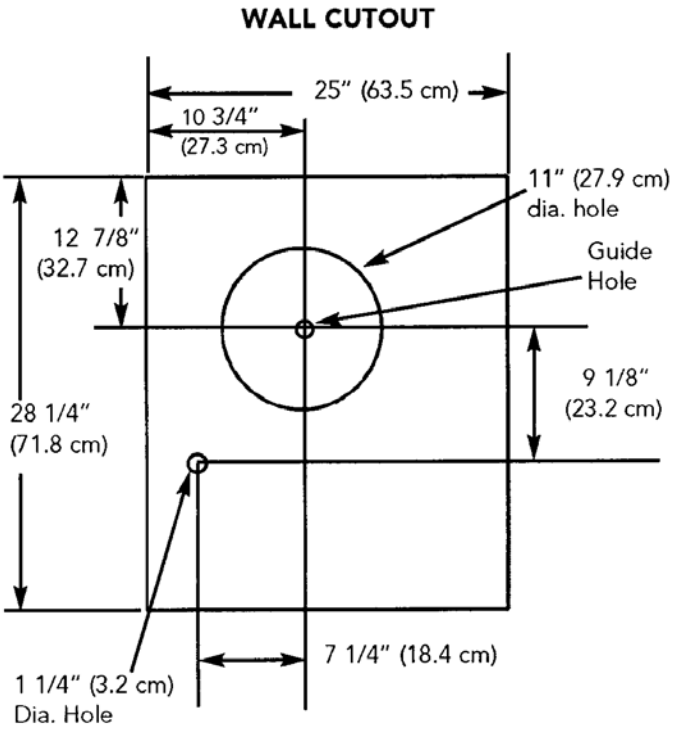
ROOF CUTOUT



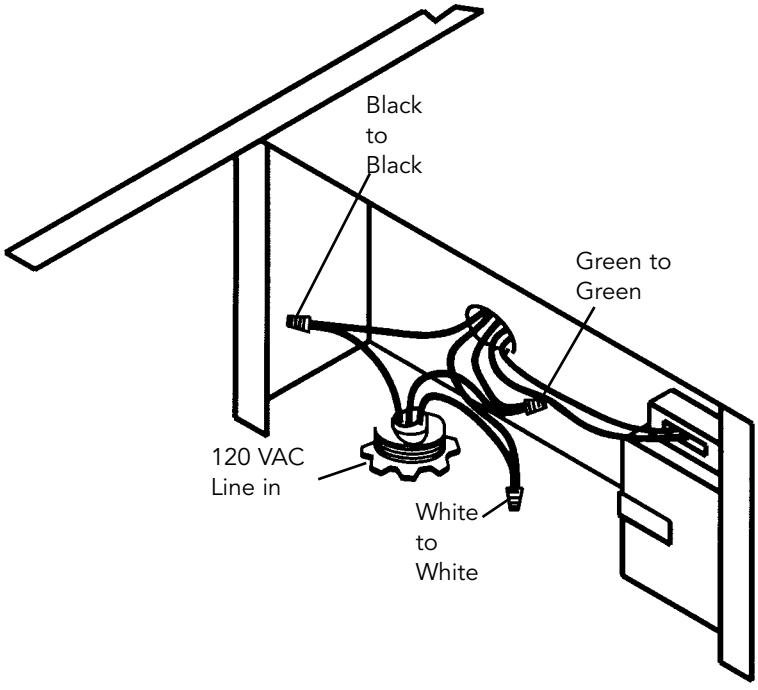




WALL INSTALLATION
EXTERIOR-POWER VENTILATOR
DEV900-EXTERIOR POWER VENTILATOR KIT (900 CFM)

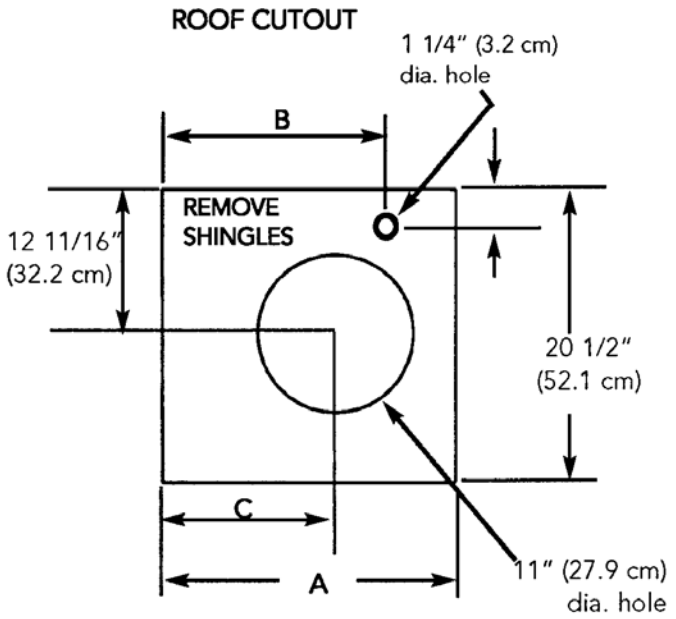


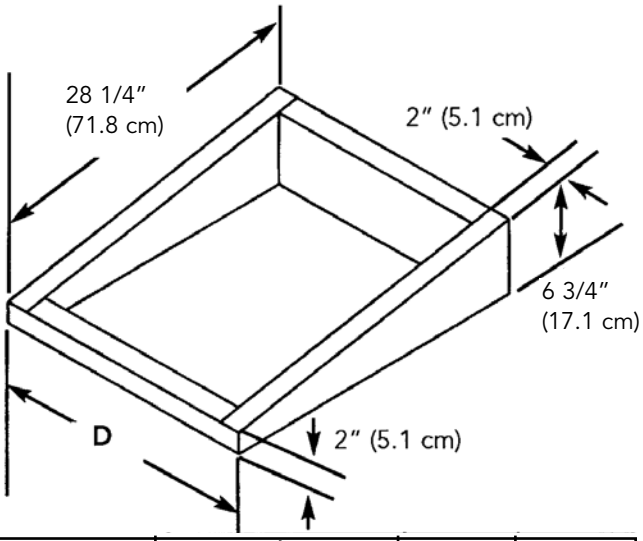
1. Choose a position on the outside wall. Min. 24" (61.0cm) from ground may vary depending on local codes or location. Make sure no wall studs, pipes or wires run through the opening area
2. Drill a guide hole at the center of the opening area.
3. From the outside, use the guide hole as a starting point.
   A. Use a T-square to measure 10 3/4" (27.3 cm) to the left of the guide hole, then down 12 7/8" (32.7cm) to locate the top left corner of the layout.
   B. Starting from the top left corner, mark a 25" (63.5 cm) by 28 1/2" (72.4 cm) rectangle on the wall located from guide hole.
4. Cut a rectangular hole in the siding only. Do not cut the sheathing. Nail down all siding edges.
5. Mark an 11" (27.9 cm) diameter circle centered on the guide hole and mark the center of the 1 1/4" (3.2 cm) diameter electrical wiring hole.
6. Cut the 11" (27.9 cm) hole in the sheathing and drill the 1 1/4" (3.2 cm) as marked.
7. Place a large bead of caulk on the back side of the housing along the outer edge
8. Center the blower ring in the 11" (27.9 cm) diameter hole, making sure that the 1 1/4" (3.2 cm) diameter electrical wiring hold aligns with the hole in the wiring box.
9. Attach the blower to the roof with the six screws provided. It is recommended that the screws be located inside the blower housing. All six holes in the back panel must be filled, or any moisture that may get inside the housing could leak into the house.
10. Using a good grade of roofing cement, seal all the mounting screws.
11. Bring electrical wiring through the hole in the wiring box and secure it according to local codes.
12. Make the electrical connections with the proper connector for the type of wiring being used. Connect white to white, black to black, and green or bare wire to green.
13. Replace wiring box cover and screws. Do not pinch wiring under the cover.
14. Check for free movement of the damper before installing housing cover and screws.
15. Turn on power and check operation of the blower.
16. Top and side flanges of the back plate may be covered with trim strips. Do not block grill opening at bottom with trim. It will adversely affect performance of the blower.



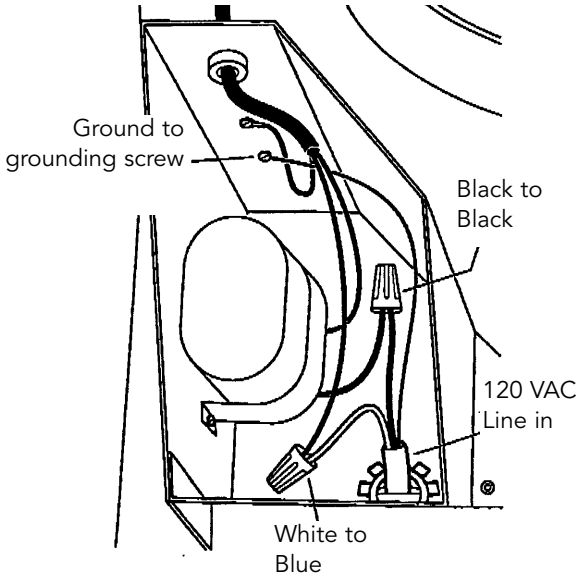
ROOF INSTALLATION
EXTERIOR-POWER VENTILATOR
DEV900-EXTERIOR POWER VENTILATOR KIT (900 CFM)

1. Locate the blower on the rear slope of the roof. Place it in a location to minimize duct run. The location should be free of obstacles (TV leads, electrical lines, etc.). Bear in mind, if the blower top is level with the roof peak, it will not be seen from the street. Keep this approximate location in mind as you work from within the attic.
2. Mark a point halfway between rafters.
3. Drill a guide hole through the roof at this point.
4. From the outside, use the guide hole as a starting point.
   A. Use a T-square to measure 9 13/16" (24.9 cm) to the left of the guide hole, then down 12 11/16" (32.2 cm) to locate the top left corner of the layout.
   B. Starting from the top left corner, mark the rectangular cutout and remove only the shingles in this area.
5. Mark an 11" (27.9 cm) diameter circle centered on the guide hole and mark the center of the 1 1/4" (3.2 cm) diameter electrical wiring hole.
6. Cut out the roof board(s) along the 11" (27.9 cm) diameter circle and drill a 1 1/4" hole as marked.
7. For flat roof installation, build a curb that will mount the blower at a minimum pitch of 2/12. Discard end of the blower should be pointed away from prevailing winds.
8. Remove roofing nails from the upper two-thirds of the shingles around the cutout area. Carefully lift the shingles to allow the back flashing sheet on the blower housing to fit under them.
9. Center the blower ring in the 11" (27.9 cm) diameter hole, making sure that the 1 1/4" (3.2 cm) diameter electrical wiring hold aligns with the hole in the wiring box.
10. Attach the blower to the roof with the six screws provided. It is recommended that the screws be located inside the blower housing. All six holes in the back panel must be filled, or any moisture that may get inside the housing could leak into the house.
11. Using a good grade of roofing cement, seal all of the shingles around the housing and flashing sheet as well as the mounting screw heads.
12. Bring electrical wiring through the hole in the wiring box and secure it according to local codes.
13. Make the electrical connections with the proper connector for the type of wiring being used. Connect white to white, black to black, and green or bare wire to green.
14. Replace wiring box cover and screws. Do not pinch wiring under the cover.
15. Check for free movement of the damper before installing housing cover and screws.
16. Turn on power and check operation of the blower.





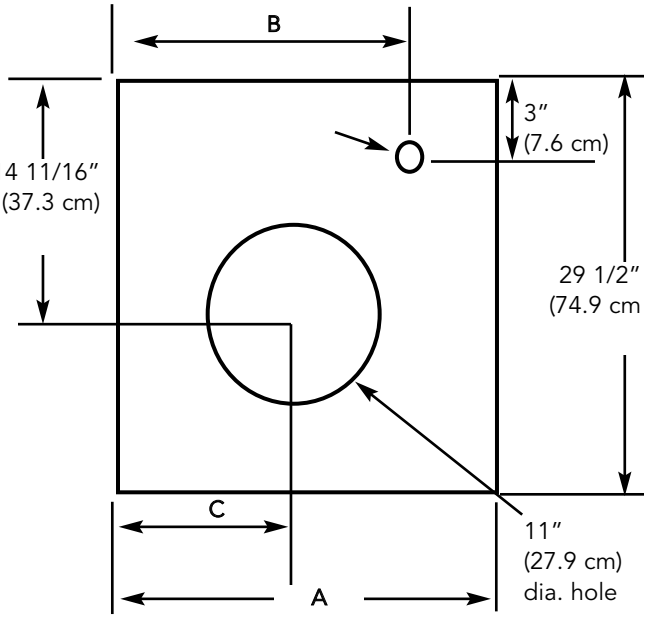
	A	B	C	D
DEV1200	18" (45.7 cm)	15" (38.1 cm)	9 13/16" (24.9 cm)	22" (55.9 cm)
DEV1500	21" (53.3 cm)	18" (45.7 cm)	12 5/8" (32.1 cm)	25" (63.5 cm)



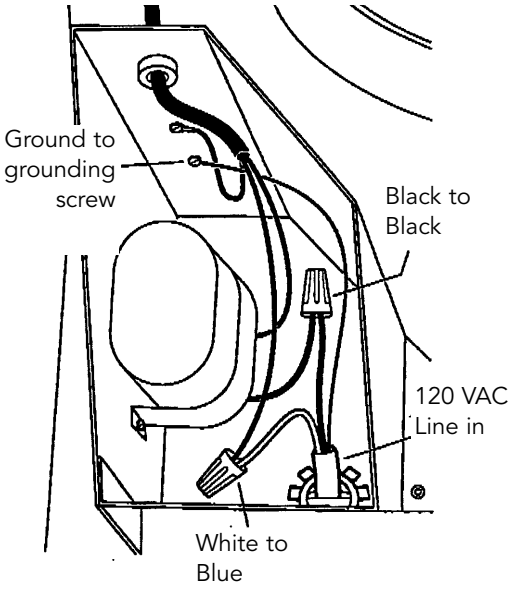
WALL INSTALLATION
EXTERIOR-POWER VENTILATOR
EXTERIOR POWER VENTILATOR KIT

1. Choose a position on the outside wall. Min. 24" (61.0cm) from ground may vary depending on local codes or location. Make sure no wall studs, pipes or wires run through the opening area
2. Drill a guide hole at the center of the opening area.
3. From the outside, use the guide hole as a starting point.
   A. Use a T-square to measure 11 13/16" (30.0 cm) to the left of the guide hole, then down 14 11/16" (37.3cm) to locate the top left corner of the layout.
   B. Starting from the top left corner, mark a 22" (55.9 cm) by 29 1/2" (74.9 cm) rectangle on the wall located from guide hole.
4. Cut a rectangular hole in the siding only. Do not cut the sheathing. Nail down all siding edges.
5. Mark an 11" (27.9 cm) diameter circle centered on the guide hole and mark the center of the 1 1/4" (3.2 cm) diameter electrical wiring hole.
6. Cut the 11" (27.9 cm) hole in the sheathing and drill the 1 1/4" (3.2 cm) as marked.
7. Place a large bead of caulk on the back side of the housing along the outer edge
8. Center the blower ring in the 11" (27.9 cm) diameter hole, making sure that the 1 1/4" (3.2 cm) diameter electrical wiring hold aligns with the hole in the wiring box.
9. Attach the blower to the roof with the six screws provided. It is recommended that the screws be located inside the blower housing. All six holes in the back panel must be filled, or any moisture that may get inside the housing could leak into the house.
10. Using a good grade of roofing cement, seal all the mounting screws.
11. Bring electrical wiring through the hole in the wiring box and secure it according to local codes.
12. Make the electrical connections with the proper connector for the type of wiring being used. Connect white to white, black to black, and green or bare wire to green.
13. Replace wiring box cover and screws. Do not pinch wiring under the cover.
14. Check for free movement of the damper before installing housing cover and screws.
15. Turn on power and check operation of the blower.
16. Top and side flanges of the back plate may be covered with trim strips. Do not block grill opening at bottom with trim. It will adversely affect performance of the blower.

WALL CUTOUTT

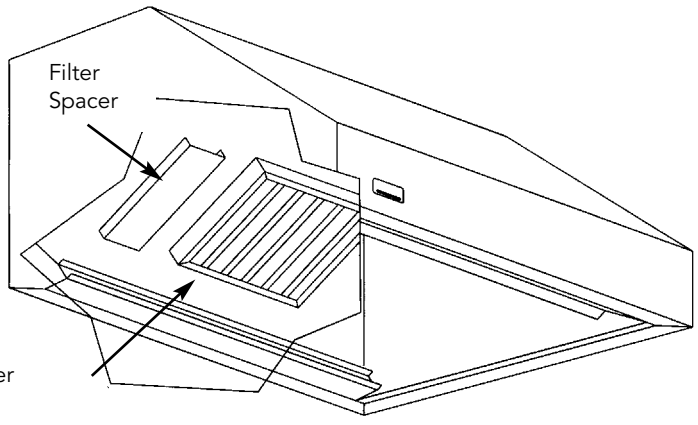


	A	B	C
DEV1200	22" (55.9 cm)	17" (43.2 cm)	11 13/16" (30.0 cm)
DEV1500	25" (63.5 cm)	20" (50.8 cm)	14 5/8" (37.2 cm)



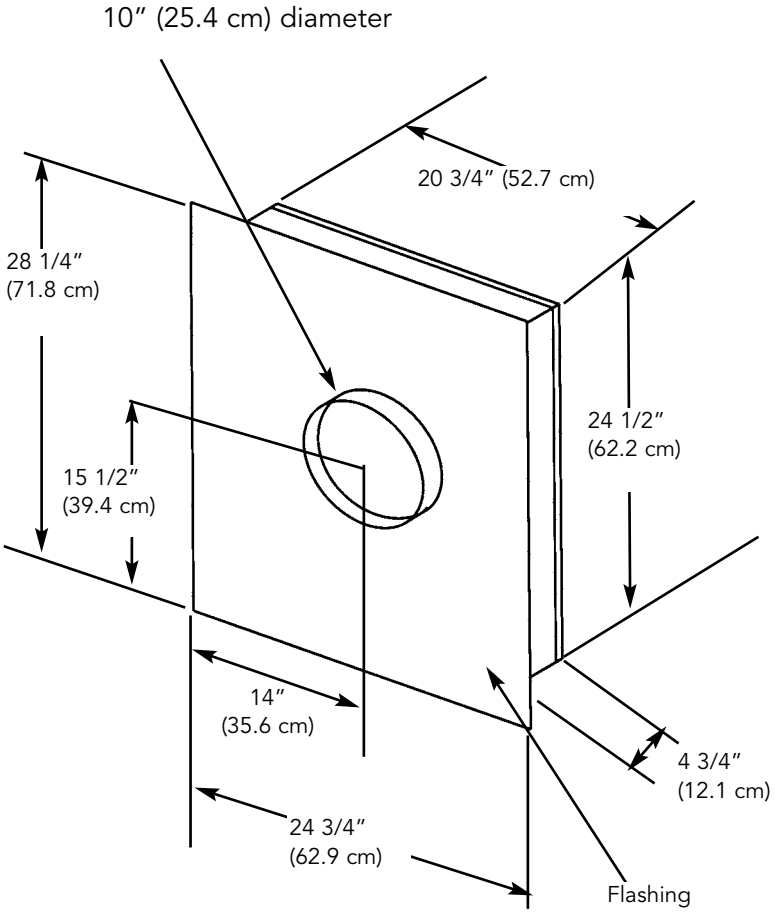
FILTER/SPACER INSTALLATION

1. Install spacer/s in center or outside of filters.
2. Number of spacers and baffle filters will vary by model.

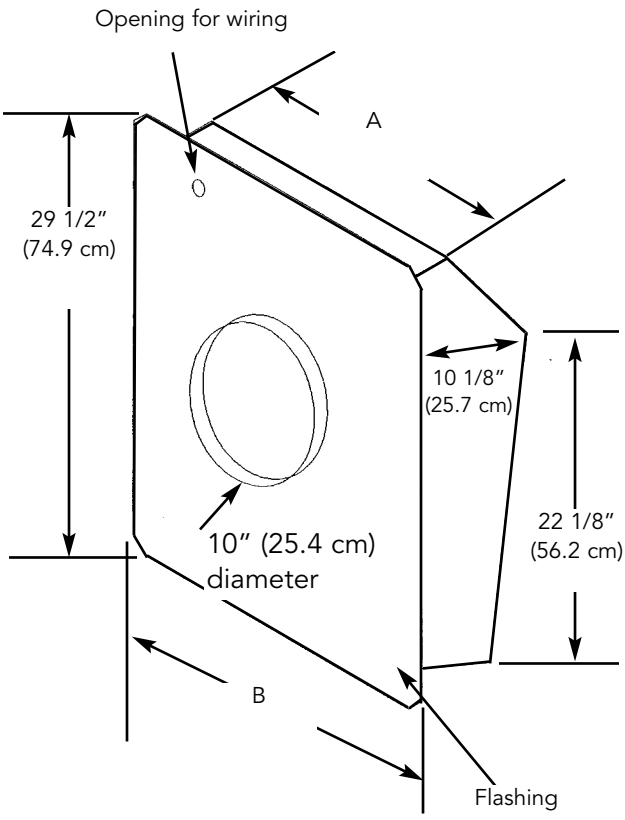


EXTERIOR VENTILATOR DIMENSIONS

DEV900

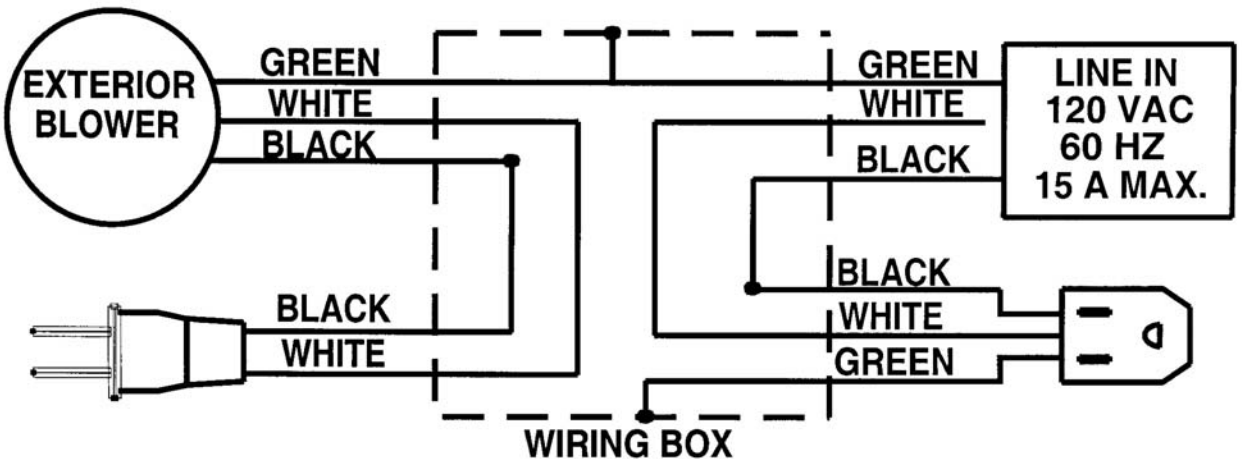


DEV1200
DEV1500

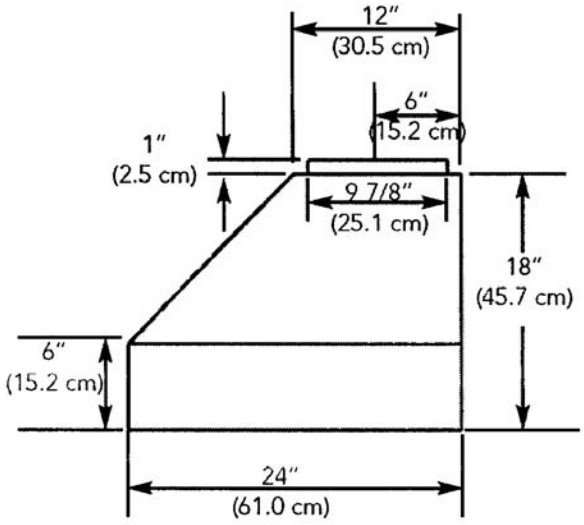


	A	B
DEV1200	18" (45.7 cm)	22" (55.9 cm)
DEV1500	21" (53.3 cm)	25" (63.5 cm)

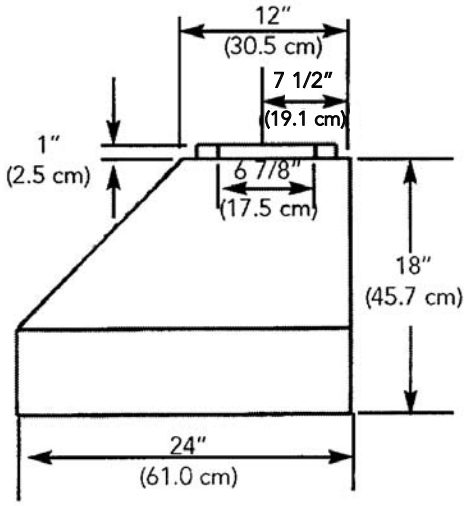
WIRING DIAGRAM
EXTERIOR VENTILATOR



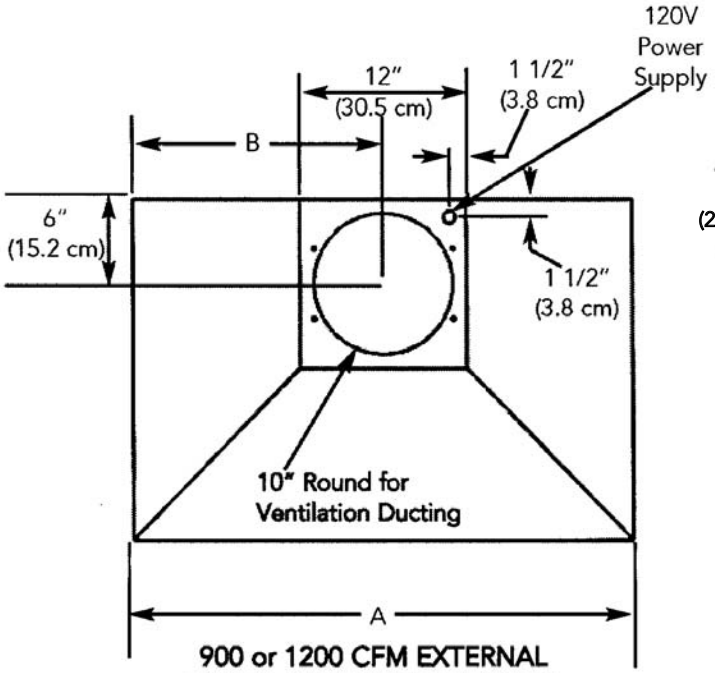
WALL HOOD DIMENSIONS
30"/36"/42" W. PROFESSIONAL CHIMNEY HOODS



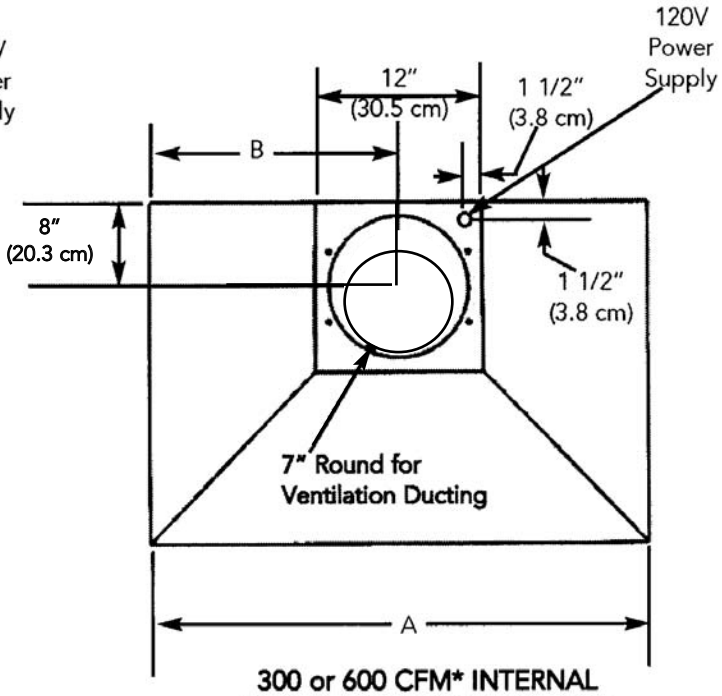
900 or 1200 CFM EXTERNAL VENTILATION INSTALLATION



300 or 600 CFM* INTERNAL VENTILATION INSTALLATION



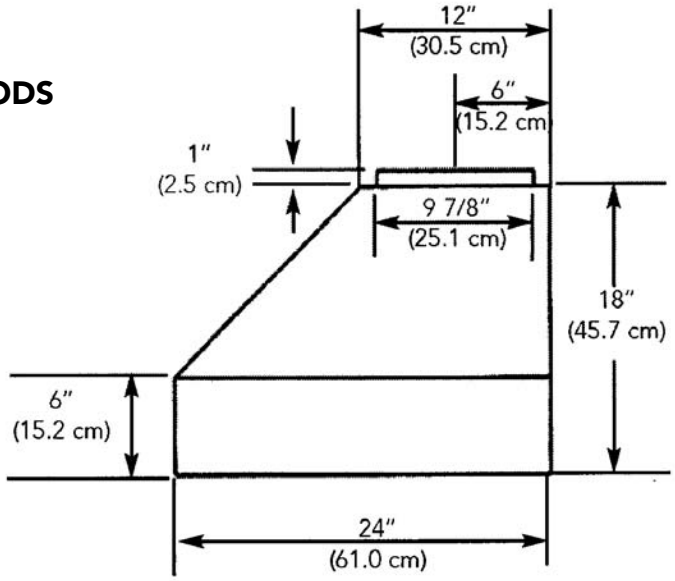
900 or 1200 CFM EXTERNAL VENTILATION INSTALLATION (10" Duct Required)



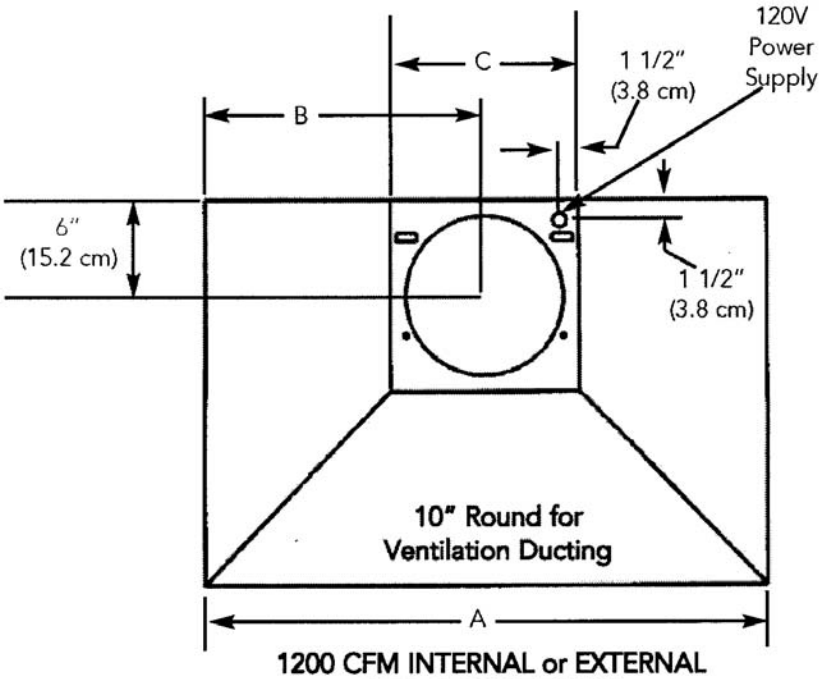
300 or 600 CFM* INTERNAL VENTILATION INSTALLATION (7" Duct Required)

	A	B
30" W.	29 7/8" (75.9 cm)	14 15/16" (37.9 cm)
36" W.	35 7/8" (91.3 cm)	17 15/16" (45.6 cm)
42" W.	41 7/8" (106.4 cm)	20 15/16" (53.2 cm)

WALL HOOD DIMENSIONS
48"/54"/60"/66" W.
PROFESSIONAL CHIMNEY HOODS



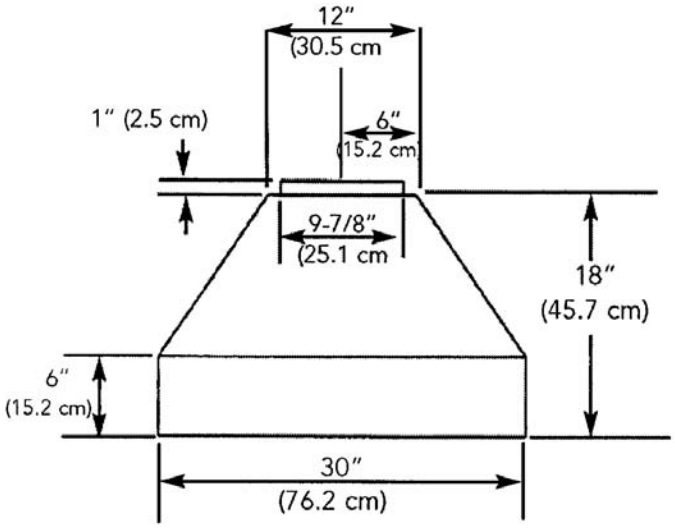
1200 CFM INTERNAL or EXTERNAL
1500 CFM EXTERNAL
VENTILATION INSTALLATION



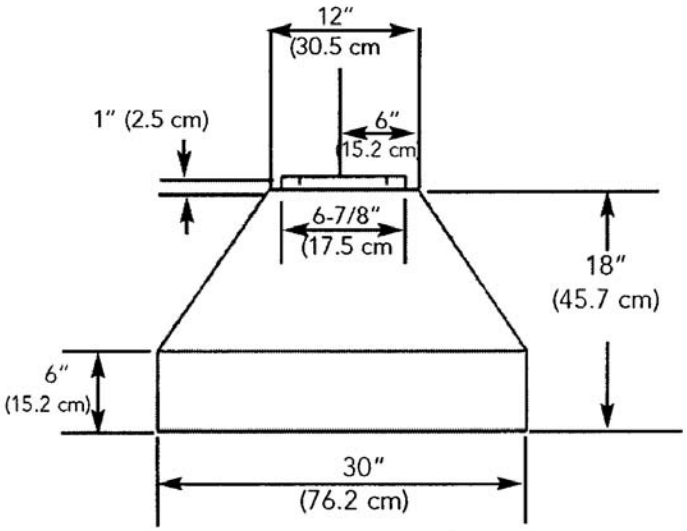
1200 CFM INTERNAL or EXTERNAL
1500 CFM EXTERNAL
VENTILATION INSTALLATION
(10" Duct Required)

	A	B	C
48" W.	47 7/8" (121.6 cm)	23 15/16" (60.8 cm)	18" (45.7 cm)
54" W,	53 7/8" (136.8 cm)	26 15/16" (68.4 cm)	18" (45.7 cm)
60" W.	59 7/8" (152.1 cm)	29 15/16" (76.0 cm)	24" (61.0 cm)
66" W.	65 7/8" (167.3 cm)	32 15/16" (83.7 cm)	24" (61.0 cm)

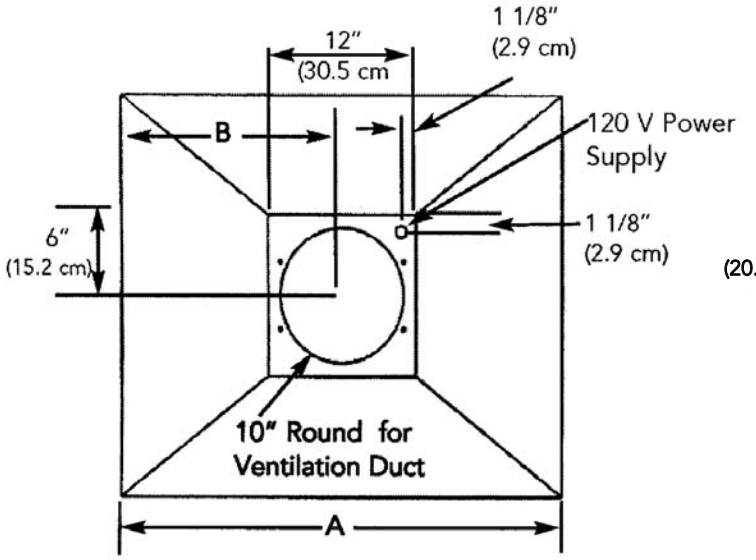
ISLAND HOOD DIMENSIONS
36"/42" W. PROFESSIONAL CHIMNEY HOODS



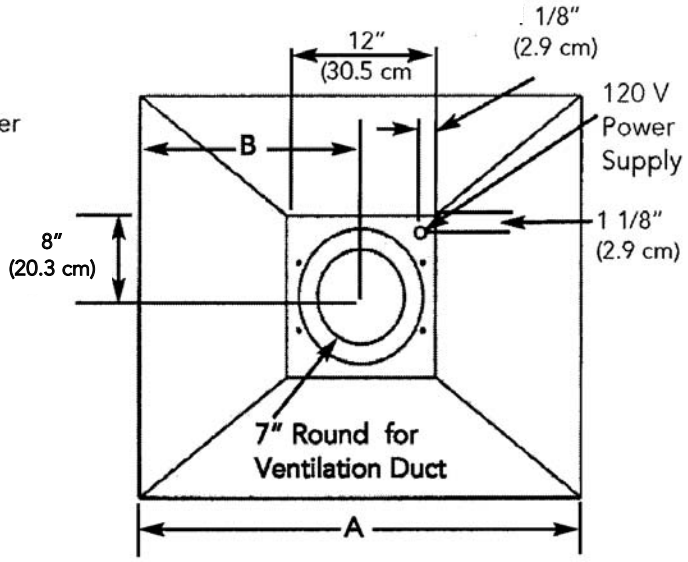
900 CFM External
Ventilation Installation



600 CFM Internal
Ventilation Installation



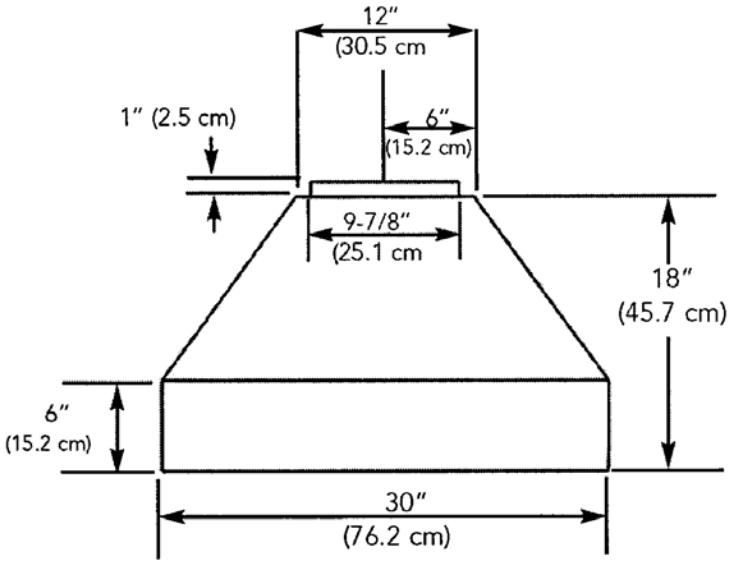
900 CFM External
Ventilation Installation
(10" Duct Required)



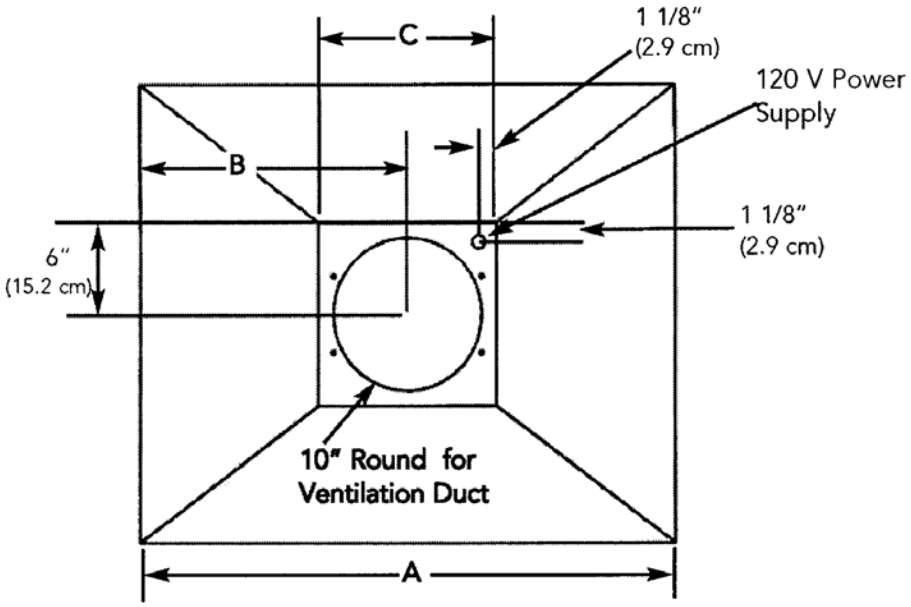
600 CFM Internal
Ventilation Installation
(7" Duct Required)

	A	B
36" W.	35 7/8" (91.3 cm)	17 15/16" (45.6 cm)
42" W.	41 7/8" (106.4 cm)	20 15/16" (53.2 cm)

ISLAND HOOD DIMENSIONS
54"/66" W.
PROFESSIONAL CHIMNEY HOODS



1200 CFM Internal or 1200/1500 CFM External
Ventilation Installation
(10" Duct Required)



1200 CFM Internal or 1200/1500 CFM External
Ventilation Installation
(10" Duct Required)

	A	B	C
54" W	53 7/8" (136.8 cm)	26 15/16" (68.4 cm)	18" (45.7 cm)
66" W	65 7/8" (167.3 cm)	32 15/16" (83.7 cm)	24" (61.0 cm)

✪ Please see **Installation Notes and Accessories** for important information, including trim kits and multi-use chambers.

Dimensions & Specifications

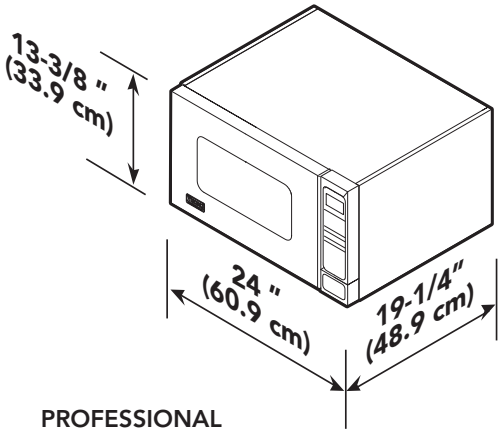
PRODUCT DIMENSIONS

VMOS200 Professional Microwave Oven

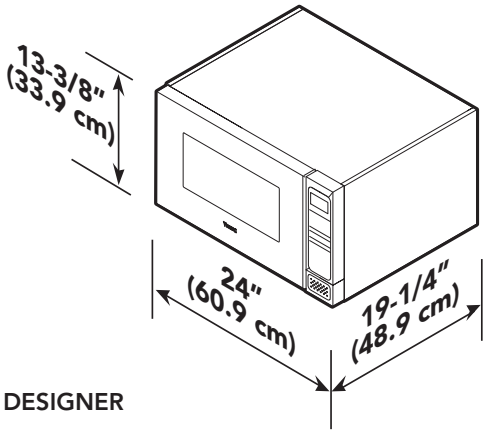
VMOS200 w/Trim Kit

DMOS200 Designer Microwave Oven

DMOS200 w/Trim Kit



PROFESSIONAL



DESIGNER

	All models
Overall width	**24" (60.9 cm)**
Overall height (from bottom)	**13-3/8" (33.9 cm)**
Overall depth (from rear)	**19-1/4" (48.9 cm)**
Interior (each oven)	
Width	**17-3/8" (44.1 cm)**
Height	**10-1/2" (26.6 cm)**
Depth	**18-5/8" (47.3 cm)**
Approx. ship weight	**55 lbs. (24.7 kg)**

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Installation Requirements

UTILITY REQUIREMENTS

GAS
- Not applicable

ELECTRICAL
- Three-and-a-half foot power cord included
- 120 VAC/60 Hz
- Maximum amp usage—
  - o VMOS— 13 (1.5 kW)
  - o DMOS— 13 (1.5 kW)

PLUMBING
Not applicable

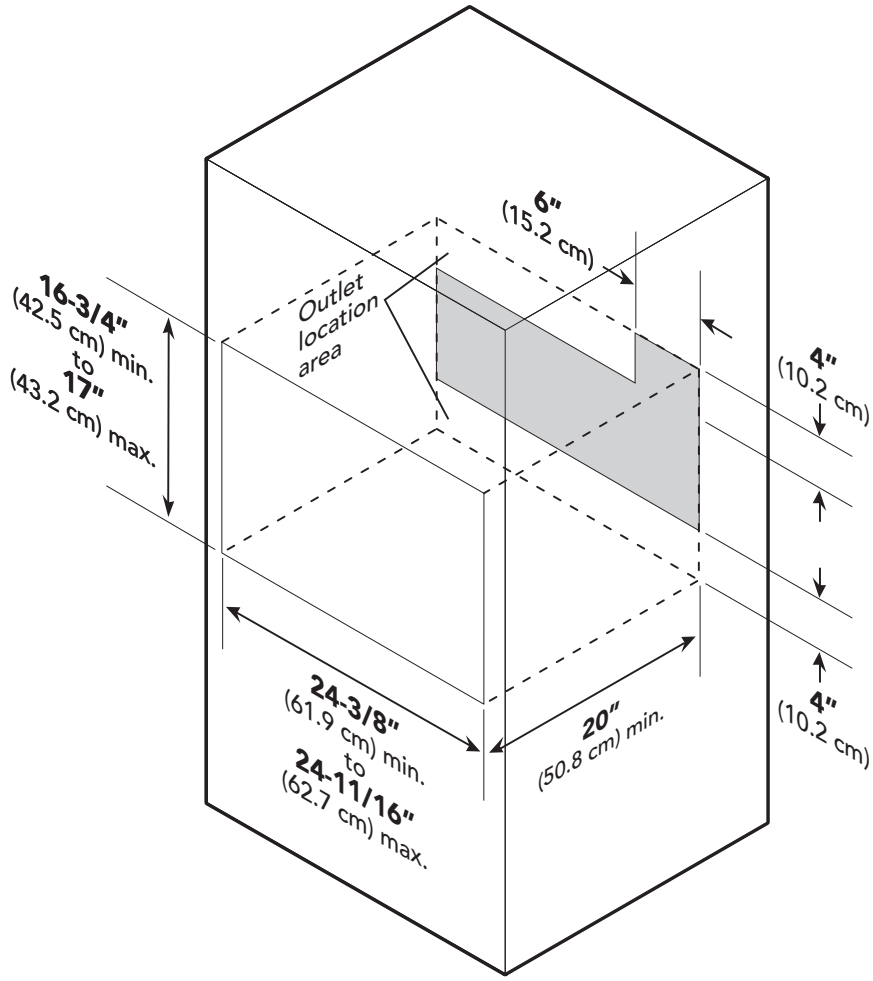
ACCESS REQUIREMENTS

VMOS200 Professional Microwave Oven

VMOS200 w/Trim Kit

DMOS200 Designer Microwave Oven

DMOS200 w/Trim Kit



All Models	
Cutout width	**24-3/8" (61.9 cm) min. to 24-11/16" (62.7 cm) max.**
Cutout height	**16-3/4" (42.5 cm) min. to 17" (43.2) max.**
Cutout depth	**20" (50.8 cm)**

RELEASED 6/10/08
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✪ Installation Notes & Accessories

Built-In Trim Kits

- Stainless Steel (SS)
- Designed to match with corresponding ovens and warming drawers
- Trim gives finished look to ovens installed as built-in units
- Kit includes frame assemblies, exhaust duct assembly, and metal fasteners

Model	Description	Approx. ship wt. lbs. (kg)
VMTK271	27"W./18-1/4"H. Professional microwave trim	12.9 (5.8)
VMTK301	30"W./18-1/4"H. Professional microwave trim	13.9 (6.3)
VMTK361	36"W./18-1/4"H. Professional microwave trim	14.9 (6.8)
DMTK271	27"W./18-1/4"H. Designer microwave trim	14 (6.5)
DMTK301	30"W./18-1/4"H. Designer microwave trim	15 (6.9)

Compliance Information

WARRANTY INFORMATION*

- One-year full warranty—complete product
- Five-year limited warranty—magnetron tube
- Ninety-day limited warranty—cosmetic parts such as glass, painted, and decorative items

*For complete warranty see *Use & Care Guide*. Warranty valid on Viking products shipped within the United States and Canada.

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INSTALLATION INSTRUCTIONS

VIKING RANGE CORPORATION
111 Front Street
Greenwood, Mississippi 38930 USA
(662) 455-1200

PROFESSIONAL SERIES
MICROWAVE BUILT-IN TRIM KIT

Retain for Future Reference

IMPORTANT - PLEASE READ AND FOLLOW

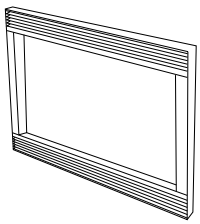
- Before beginning, please read these instructions completely and carefully.
- Be sure to DISCONNECT THE PLUG of the microwave oven from the electrical outlet before installing the built-in trim kit. Remove the turntable from the oven cavity.
- Because the kit includes metal parts, caution should be used in handling and installation to avoid the possibility of injury.
- Do not remove permanently affixed labels, warnings, or plates from the product. This may void the warranty.
- Please observe all local and national codes and ordinances.
- **The installer should leave these instructions with the consumer who should retain for local inspector's use and for future reference.**

THIS BUILT-IN KIT IS DESIGNED FOR USE ONLY WITH VIKING MICROWAVE OVENS SPECIFYING BUILT-IN KIT VMTK270/271, VMTK300/301, OR VMTK360/361 ON THE RATING LABEL ON THE LEFT SIDE WALL OF THE OVEN CAVITY.

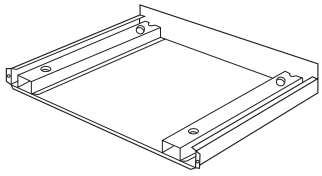
IF YOUR LOWER CONVENTIONAL OVEN IS NOT LISTED IN THE USE AND CARE MANUAL OF THE MICROWAVE OVEN, THEN DO NOT INSTALL THE MICROWAVE OVEN ABOVE IT OR IN ANY AREA WHERE HEAT AND STEAM ARE GENERATED; FOR EXAMPLE, NEXT TO OR ABOVE A CONVENTIONAL RANGE.

PARTS INCLUDED IN THE VMTK KIT

1) Front Frame Assembly
QTY 1



2) Bottom Duct Assembly
QTY 1



3) Screw A (1-3/16" length)
QTY 2

4) Screw B (1 3/4" length)
QTY 4

BASIC SPECIFICATIONS

	Microwave Oven	Built-In Trim Kits					
	VMOS200	VMTK270/271		VMTK300/301		VMTK360/361	
Overall Width	24" (60.9 cm)	26-1/2" (67.3 cm)		29-1/2" (74.9 cm)		35-1/4" (89.5 cm)	
Overall Height from Bottom	13-3/8" (33.9 cm)	18-1/4" (46.3 cm)	17-13/16" (45.3 cm)	18-1/4" (46.3 cm)	17-13/16" (45.3 cm)	18-1/4" (46.3 cm)	17-13/16" (45.3 cm)
Overall Depth from Rear	19-1/4" (48.9 cm)	N/A					
Oven Interior	Width 17-3/8" (44.1 cm) Height 10-1/2" (26.6 cm) Depth 18-5/8" (47.3 cm) Overall 2.0 cu. ft.	N/A					
Cutout Width	N/A	Min. 24-3/8" (61.9 cm)					
		Max. 24-11/16" (62.7 cm)					
Cutout Height	N/A	Min. 16-3/4" (42.5 cm)					
		Max. 17" (43.2 cm)					
Cutout Depth	N/A	Min. 20" (50.8 cm)					
Electrical Requirements	120VAC/60 Hz	N/A					
Max. Amp Usage	1.5 KW 13.0 amps	N/A					
Approx. Shipping Wt.	46 lbs. (20.9 kg)	12.9 lbs. (5.8 kg)		13.9 lbs. (6.3 kg)		14.9 lbs. (6.8 kg)	

CABINET OR WALL CUTOUT

Cutout Dimensions

Height (A)	Minimum	16 3/4"	(42.5 cm)
	Maximum	17"	(43.2 cm)
Width (B)	Minimum	24 3/8"	(61.9 cm)
	Maximum	24 11/16"	(62.7 cm)
Depth (C)	Minimum	20"	(50.8 cm)

ELECTRICAL OUTLET LOCATION

Outlet should **NOT** be in the shaded area as indicated on Illustration 1.

NOTE 1: If the Depth (C) dimension is greater than 21" (53.3 cm), the outlet location may be in any area on the rear wall.

NOTE 2: The floor of the opening should be constructed of plywood strong enough to support the weight of the oven and floor load (approximately 100 pounds). The floor should be level for proper operation of the oven. Be sure to check the local building code as it may require that the opening be enclosed with side, ceiling and rear partition. The proper functioning of the oven does not require the enclosure.

BOTTOM DUCT ASSEMBLY

1. Place the Bottom duct in the opening. When the Bottom Duct Assembly is in the opening correctly, the flanges will be tightly against the lower edge of the opening. See Illustration 2.

2. Secure the Bottom Duct Assembly with the two (1-3/16") screws A. **IMPORTANT:** Secure screws in outer hole.

CABINET INSTALLATION

1. Place the oven adjacent to the wall or cabinet opening. Plug the power cord into the electrical outlet.

2. Carefully guide the assembled oven into the prepared opening. Slide the oven on the Bottom Duct Assembly. See Illustration 3. Avoid pinching the cord between the oven and the wall. Adjust the position of the oven so that the feet of the oven are fitted into the recesses of the Bottom Duct Assembly. See Illustration 4.

Illustration 1

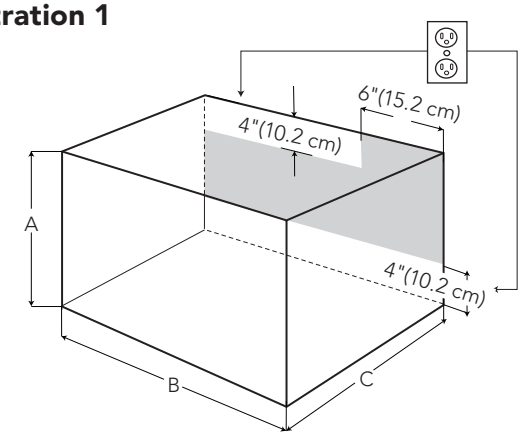


Illustration 2

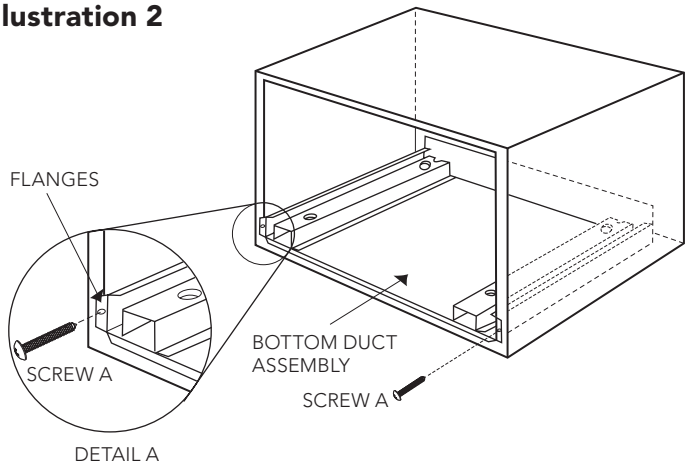


Illustration 3

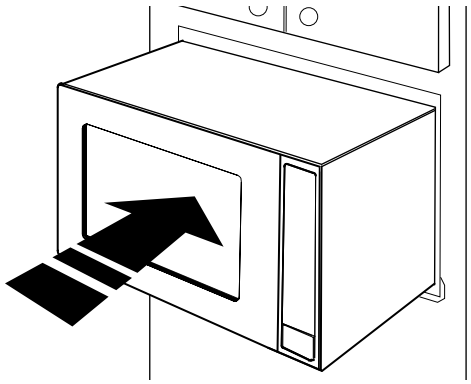
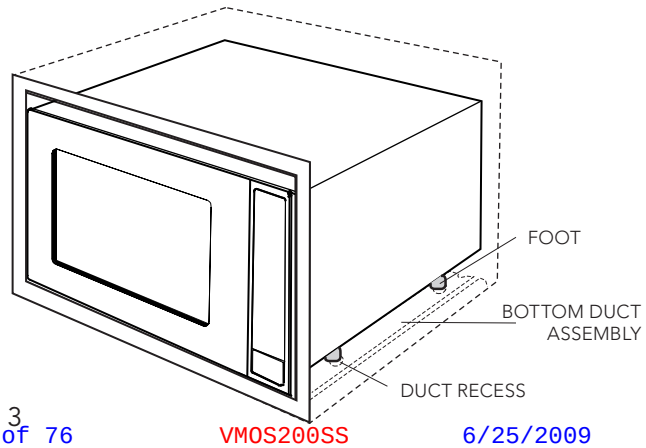


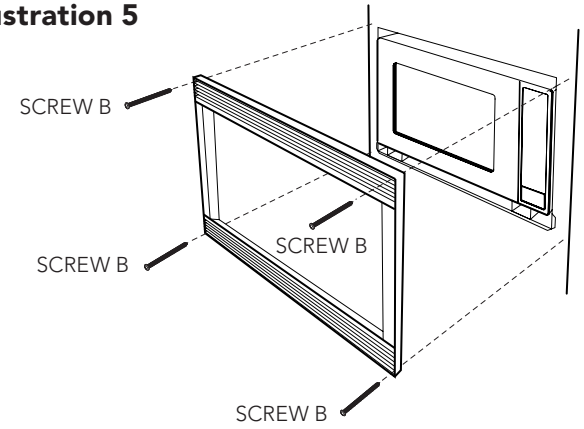
Illustration 4



FRAME INSTALLATION

Position the FRAME ASSEMBLY to be square with the oven. Carefully place the FRAME ASSEMBLY on the oven. Check that it is level and then secure with two SCREWS B. See Illustration 5. Secure the bottom portion of the FRAME ASSEMBLY with the two remaining SCREWS B.

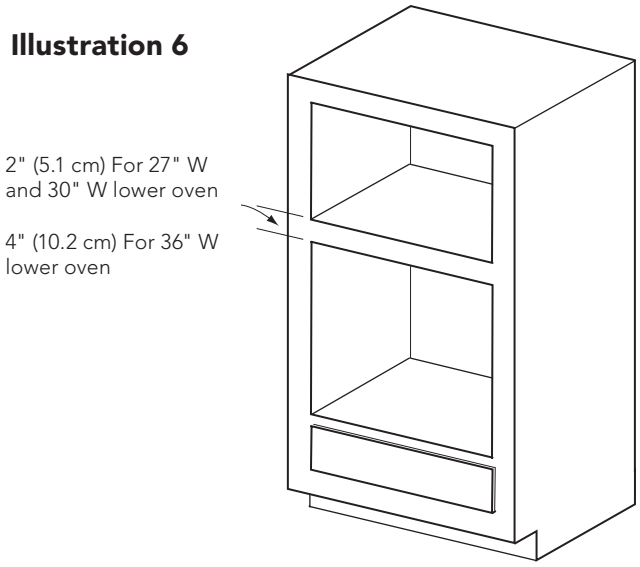
Illustration 5



OVER OVEN INSTALLATION

See Illustration 6.

Illustration 6



Dimensions & Specifications

PRODUCT DIMENSIONS & DOOR SWING

VESO127/130
Professional Select
Single Oven

VEDO127/130
Professional Select
Double Oven

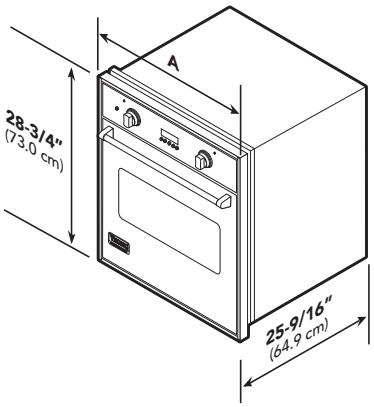
VESO5271/5301
Professional Premiere
Single Oven

VEDO5271/5301
Professional Premiere
Double Oven

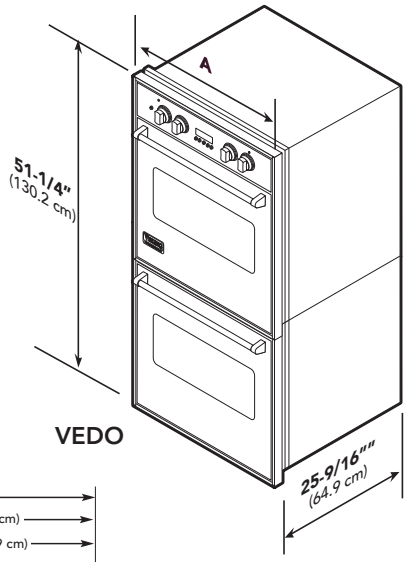
Please see **Installation Notes and Accessories** for important installation information, including TruGlide™ Full Extension Oven Racks.

ALL MODELS

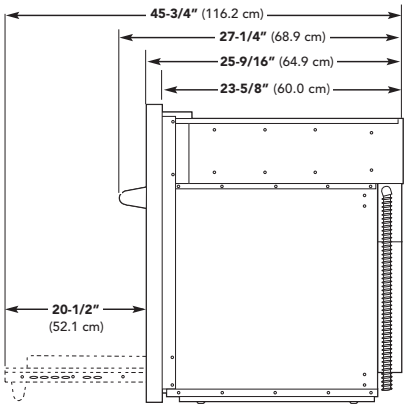
Star-K Kosher certification for use on the Jewish Sabbath or Jewish holidays



VESO



VEDO



VESO/VEDO

	VESO127/5271	VEDO127/5271	VESO130/5301	VEDO130/5301
Overall width (A)	26-1/2” (67.3 cm)	26-1/2” (67.3 cm)	29-1/2” (74.9 cm)	29-1/2” (74.9 cm)
Overall height (from bottom)	28-3/4” (73.0 cm)	51-1/4” (130.2 cm)	28-3/4” (73.0 cm)	51-1/4” (130.2 cm)
Overall depth (from rear)				
To edge of door	**25-9/16” (64.9 cm)**			
With door open	**45-3/4” (116.2 cm)**			
Interior (each oven)				
Width	22-5/16” (56.7 cm)	22-5/16” (56.7 cm)	25-5/16” (64.3 cm)	25-5/16” (64.3 cm)
Height	**16-1/2” (41.9 cm)**			
Depth (upper oven)	**16-13/16” (42.7 cm)**			
Approx. ship weight	258 lbs. (117.6 kg)/ 273 lbs. (123.8 kg)	384 lbs. (174.2 kg)/ 409 lbs. (185.5 kg)	278 lbs. (126.1 kg)/ 293 lbs. (132.9 kg)	424 lbs. (192.3kg)/ 449 lbs. (203.7 kg)

RELEASED 6/10/08

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Installation Requirements

UTILITY REQUIREMENTS

GAS
- Not applicable

ELECTRICAL
- Five-foot flexible steel conduit included. Equipped with No.10 ground wire in unit. Fuse separately.
  - o Four-wire with ground
  - o 240 – 208/120 V/60 Hz
  - o Required electrical connection
    - Singles—30
    - Doubles—50
  - o 50-amp electrical connection for doubles
- Max. amp usage—(240V/208V)
  - o Single—24.0/20.8
  - o Double—40.0/34.7

PLUMBING
Not applicable

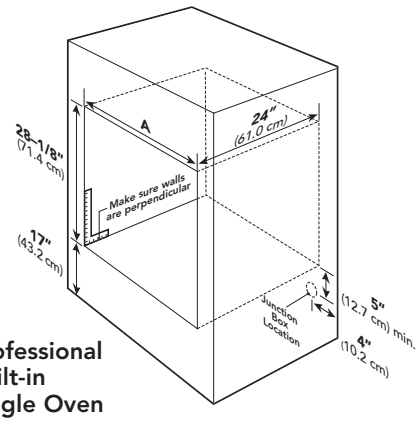
ACCESS REQUIREMENTS

VESO127/130 Professional Select Single Oven

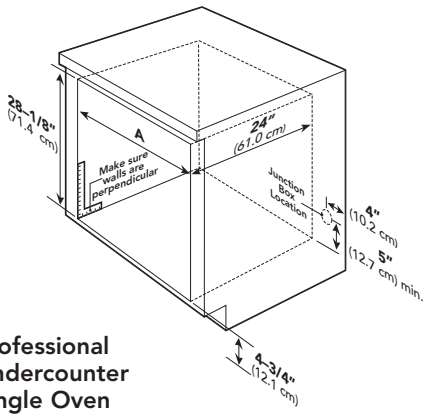
VEDO127/130 Professional Select Double Oven

VESO5271/5301 Professional Premiere Single Oven

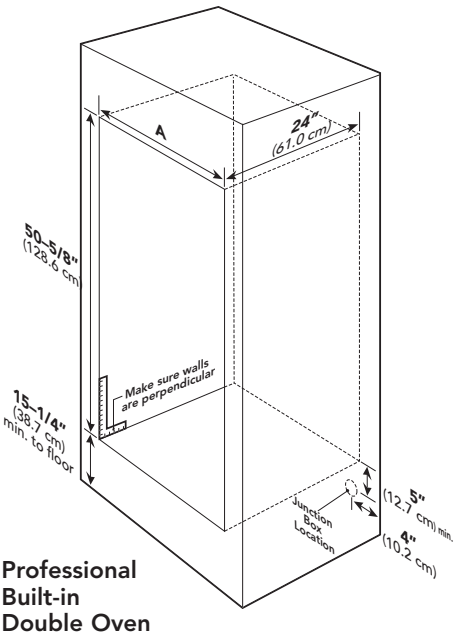
VEDO5271/5301 Professional Premiere Double Oven



Professional Built-in Single Oven



Professional Undercounter Single Oven



Professional Built-in Double Oven

	VESO127/5271	VEDO127/5271	VESO130/5301	VEDO130/5301
Cutout width (A)	25-1/2" (64.8 cm)	25-1/2" (64.8 cm)	28-1/2" (72.4 cm)	28-1/2" (72.4 cm)
Cutout height (from bottom)	28-1/8" (71.4 cm)	50-5/8" (128.6 cm)	28-1/8" (71.4 cm)	50-5/8" (128.6 cm)
Cutout depth	24" (61.0 cm)			

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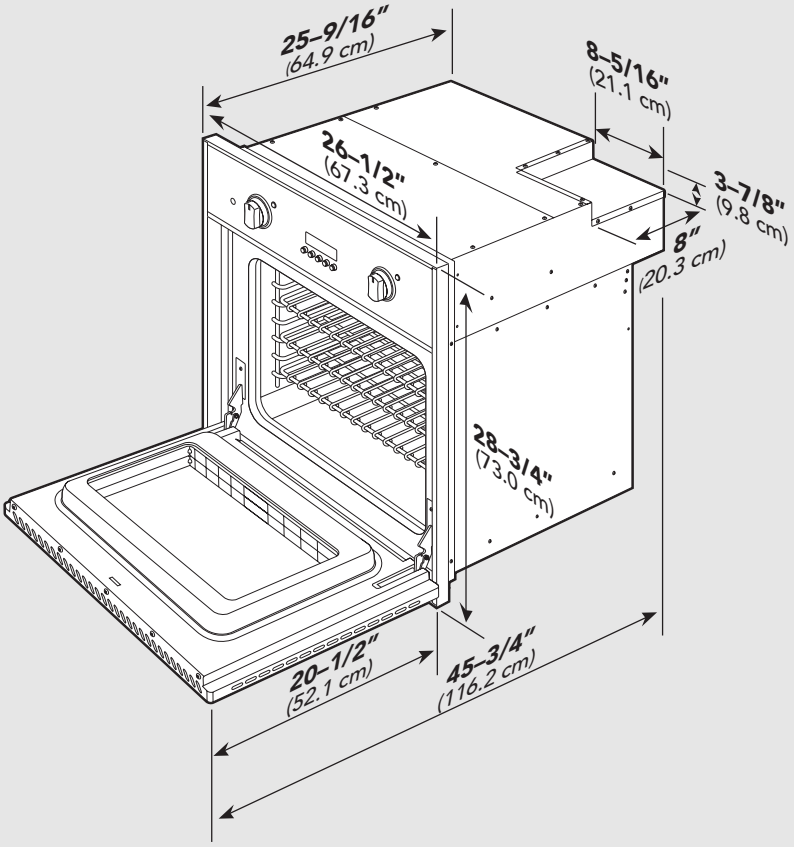
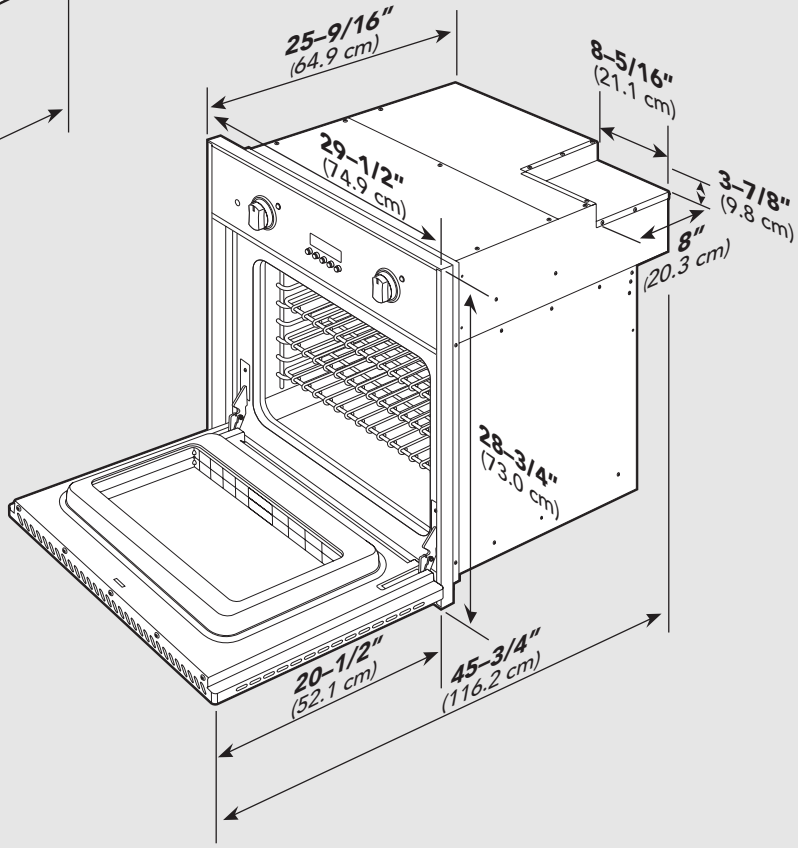
Dimensions–Single Oven (Professional Series)

27" Wide



30" Wide



Specifications & Electrical Requirements

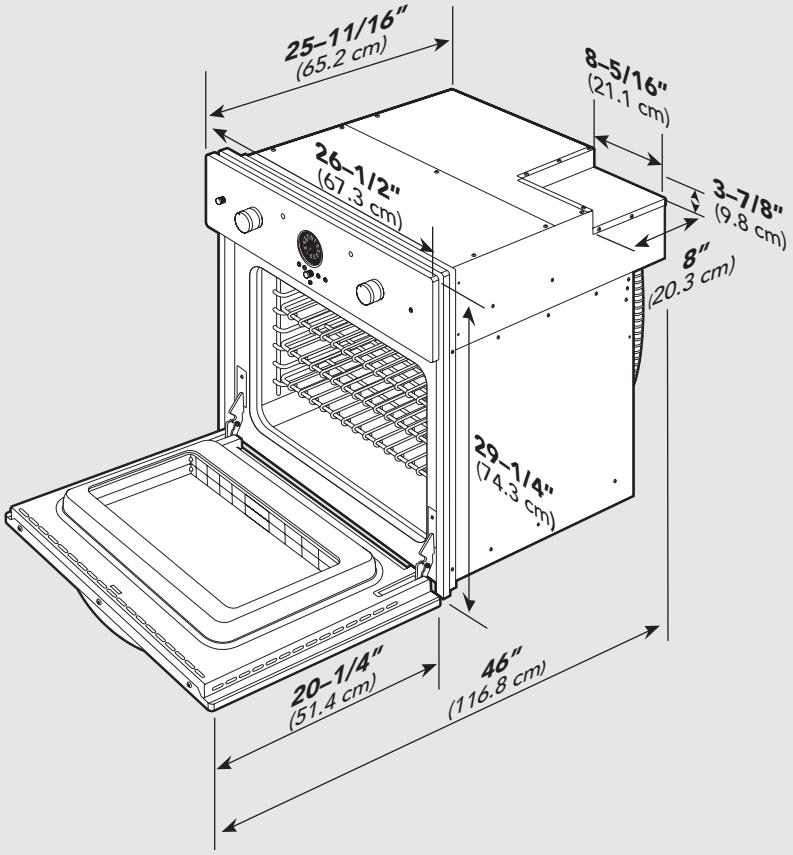
Professional Single Oven		
Description	**VESO127/527–27" Wide**	**VESO130/530–30" Wide**
Overall Width	26 1/2" (67.3 cm)	29 1/2" (74.9 cm)
Overall Height	28 3/4" (73.0 cm)	
Overall Depth	to edge of door—25 9/16" (64.9 cm) with door open—45 3/4" (116.2 cm)	
Cutout Width	25 1/2" (64.8 cm)	28 1/2" (72.4 cm)
Cutout Height	28 1/8" (71.4 cm)	
Cutout Depth	24" (61.0 cm)	
Electrical Requirements	4-wire ground, 240VAC, 30 amp electrical connection Unit equipped with No.10 ground wire in unit. Fuse separately.	
Maximum Amp Usage	24.0 amps—240 VAC 20.8 amps—208 VAC	
Oven Interior Width	22 5/16" (56.7 cm)	25 5/16" (64.3 cm)
Oven Interior Height	16 1/2" (41.9 cm)	
Oven Interior Depth	16 13/16" (42.7 cm)	
Oven Volume (measured to AHAM standard)*	3.6 cu. ft.	4.1 cu. ft.
Oven Volume (total oven cavity)	4.2 cu. ft.	4.8 cu. ft.
Approximate Shipping Weight	237 lbs. (108 kg)	261 lbs. (118 kg)

*The AHAM Standard for measuring oven capacity subtracts the door plug and convection baffle dimension from the total oven volume.

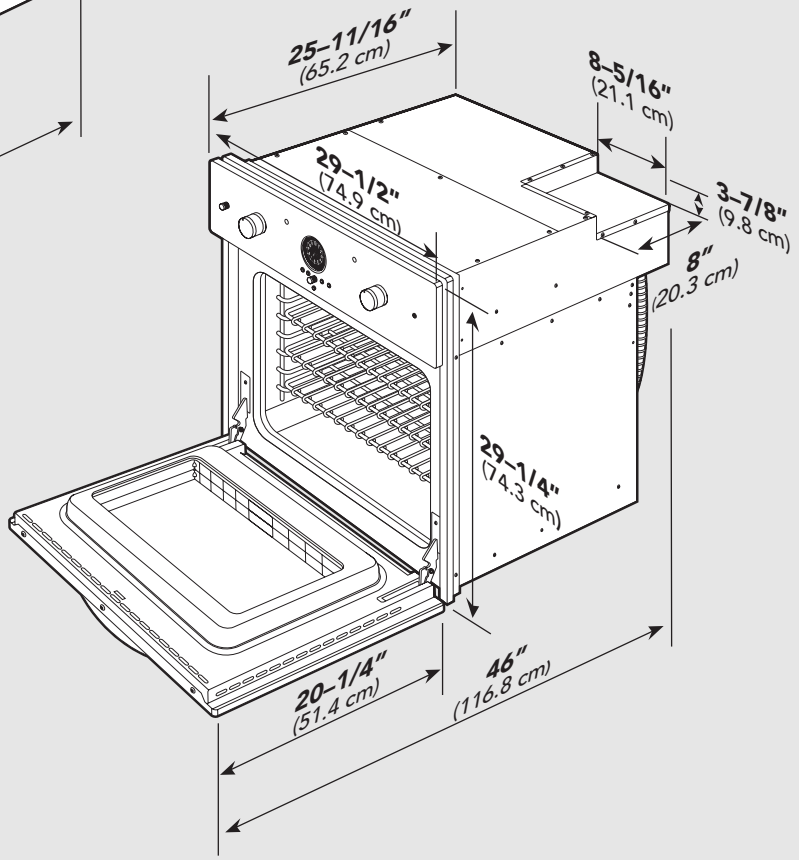
Dimensions–Single Oven

(Designer Series–Mechanical and Touch Control Models)

27" Wide



30" Wide



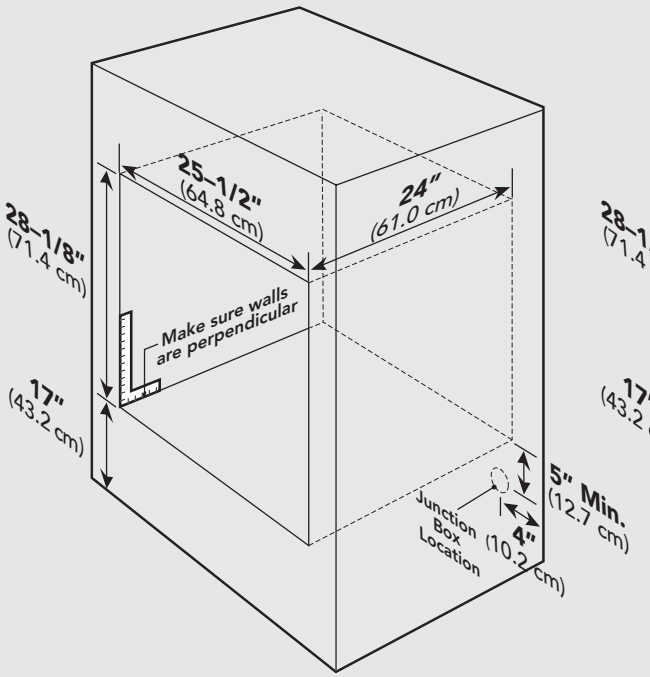
Specifications & Electrical Requirements

Designer Single Oven		
Description	**DESO127(T)/527(T)–27" Wide**	**DESO130(T)/530(T)–30" Wide**
Overall Width	26 1/2" (67.3 cm)	29 1/2" (74.9 cm)
Overall Height	29 1/4" (74.3 cm)	
Overall Depth	to edge of door—25 11/16" (65.2 cm) with door open—46" (116.8 cm)	
Cutout Width	25 1/2" (64.8 cm)	28 1/2" (72.4 cm)
Cutout Height	28 1/8" (71.4 cm)	
Cutout Depth	24" (61.0 cm)	
Electrical Requirements	4-wire ground, 240VAC, 30 amp electrical connection Unit is equipped with No.10 ground wire in conduit. Should be fused separately.	
Maximum Amp Usage	24.0 amps—240 VAC 20.8 amps—208 VAC	
Oven Interior Width	22 5/16" (56.7 cm)	25 5/16" (64.3 cm)
Oven Interior Height	16 1/2" (41.9 cm)	
Oven Interior Depth	16 13/16" (42.7 cm)	
Oven Volume (measured to AHAM standard)*	3.6 cu. ft.	4.1 cu. ft.
Oven Volume (total oven cavity)	4.2 cu. ft.	4.8 cu. ft.
Approximate Shipping Weight	237 lbs. (108 kg)	261 lbs. (118 kg)

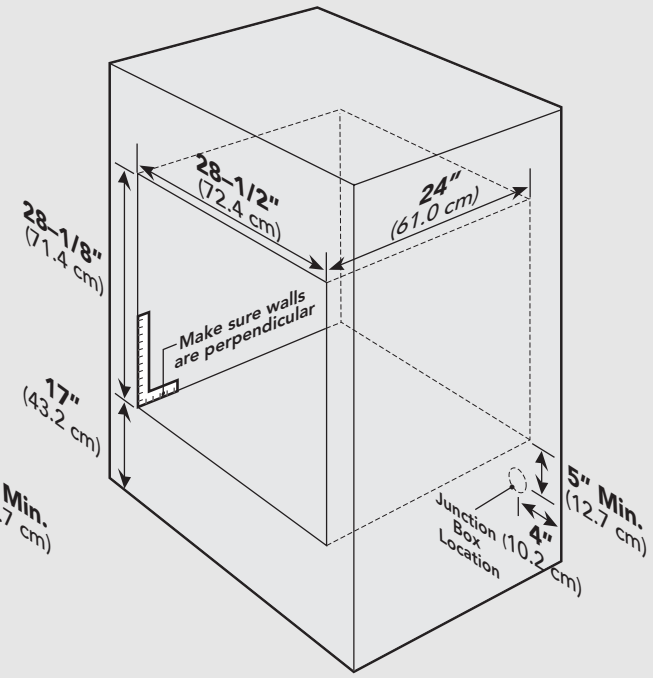
*The AHAM Standard for measuring oven capacity subtracts the door plug and convection baffle dimension from the total oven volume.

Cutout Dimensions–Single Oven (Professional Series)

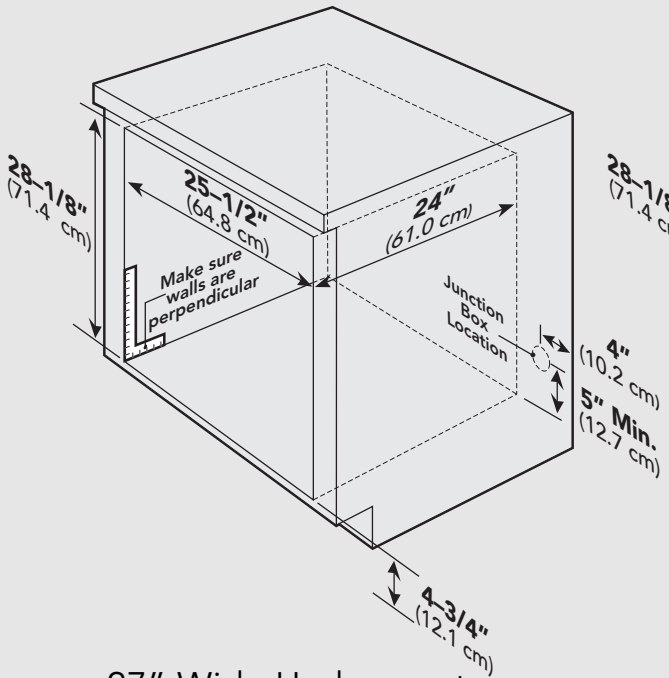
27" Wide Built-In



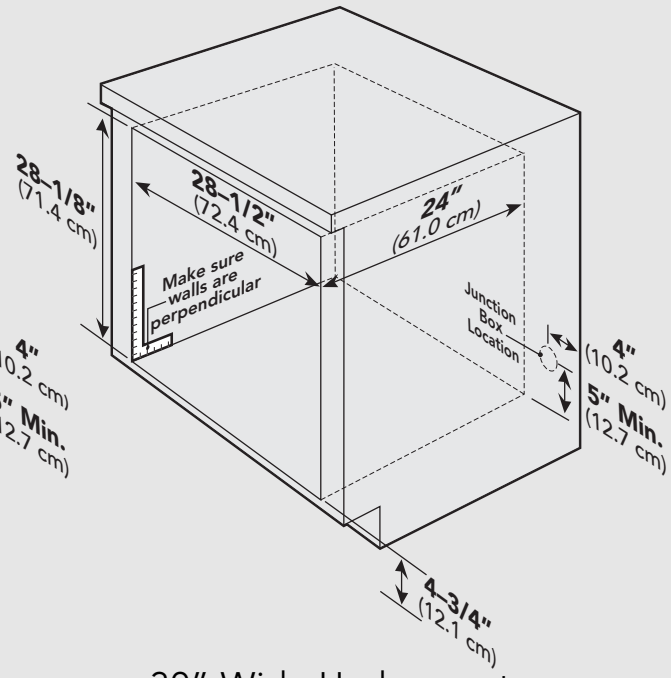
30" Wide Built-In



27" Wide Undercounter



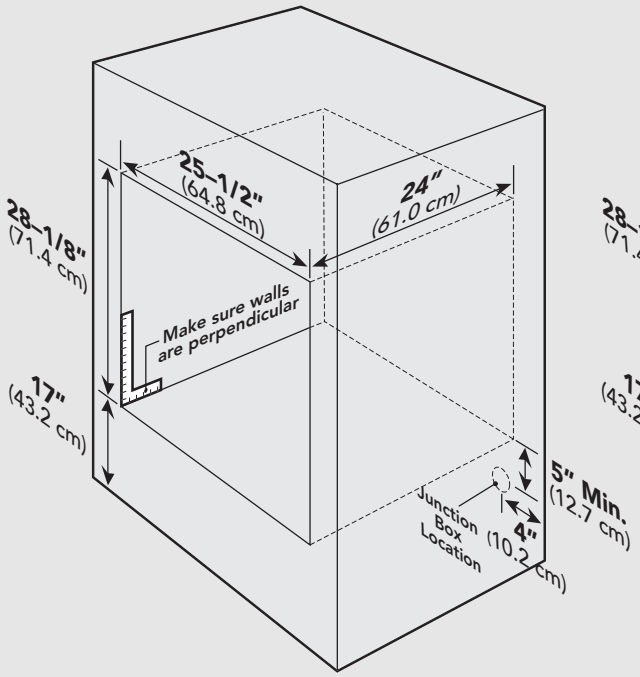
30" Wide Undercounter



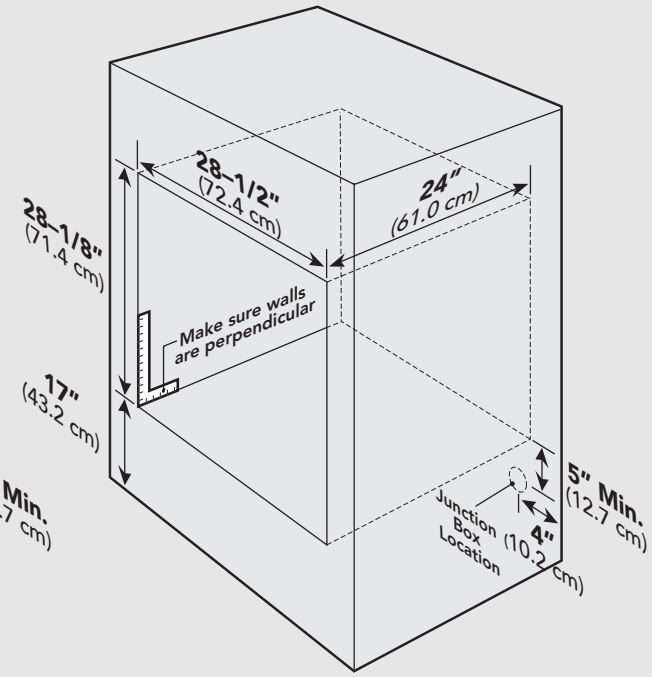
Cutout Dimensions–Single Oven

(Designer Series–Mechanical and Touch Control Models)

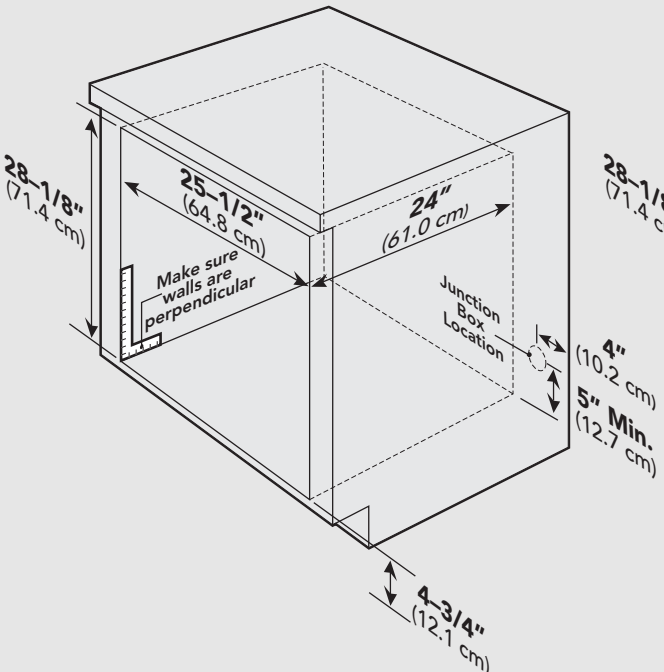
27" Wide Built-In



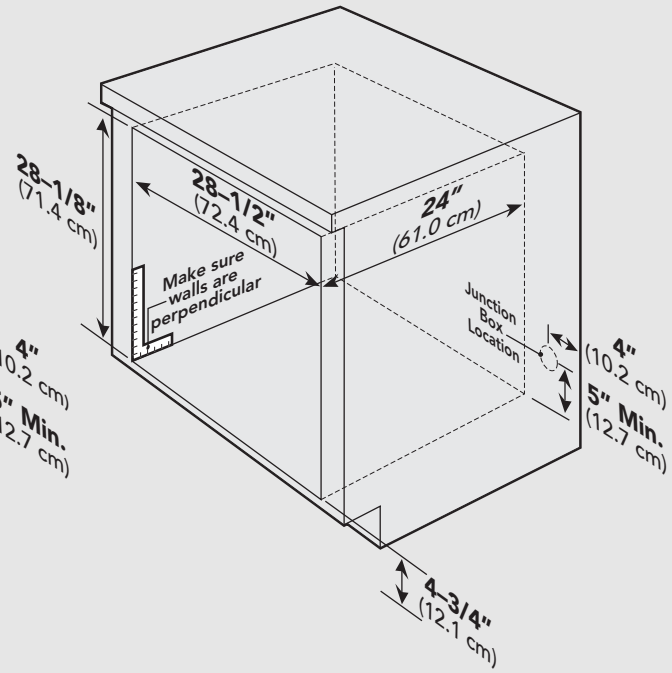
30" Wide Built-In



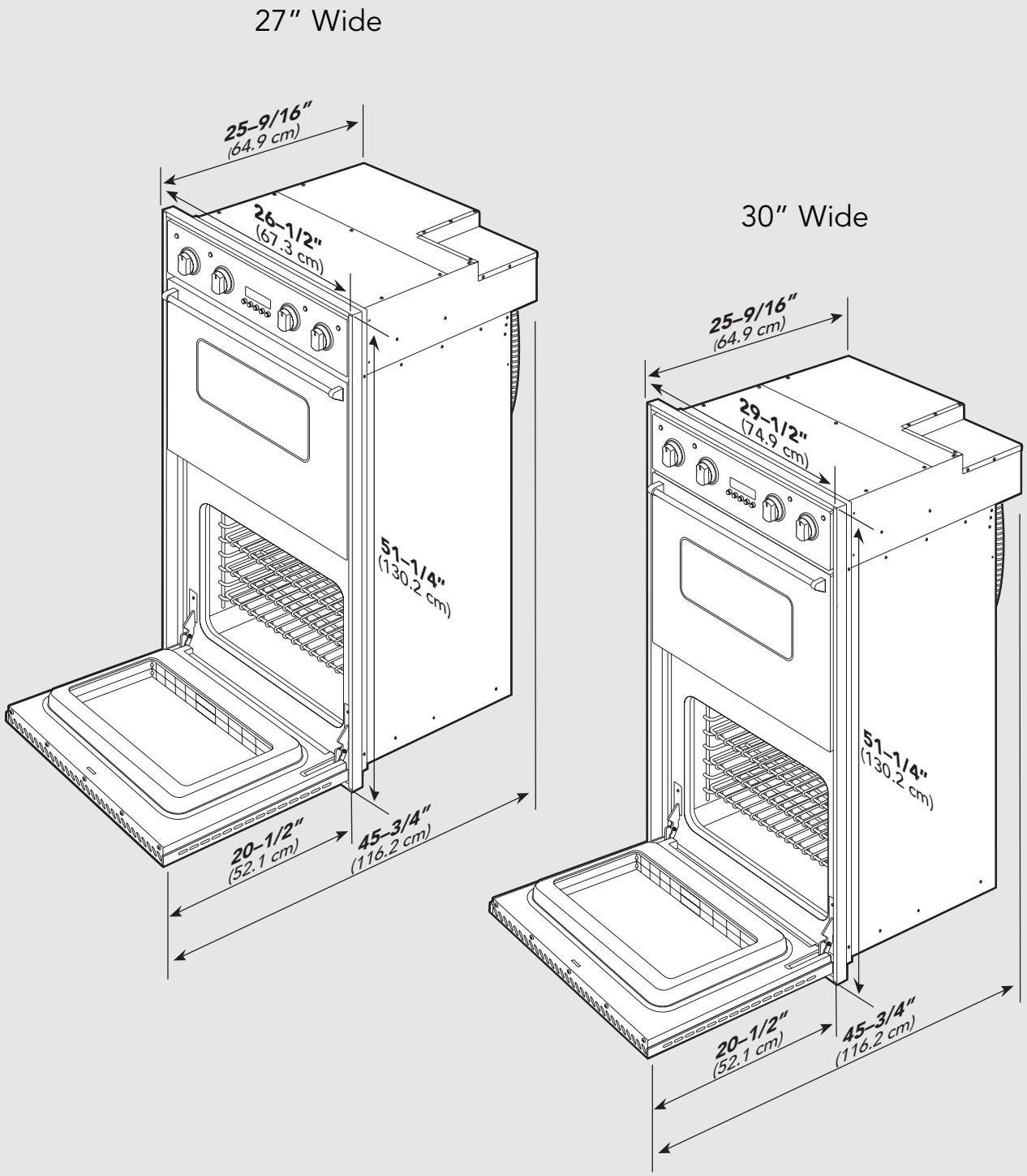
27" Wide Undercounter



30" Wide Undercounter



Dimensions–Double Oven (Professional Series)



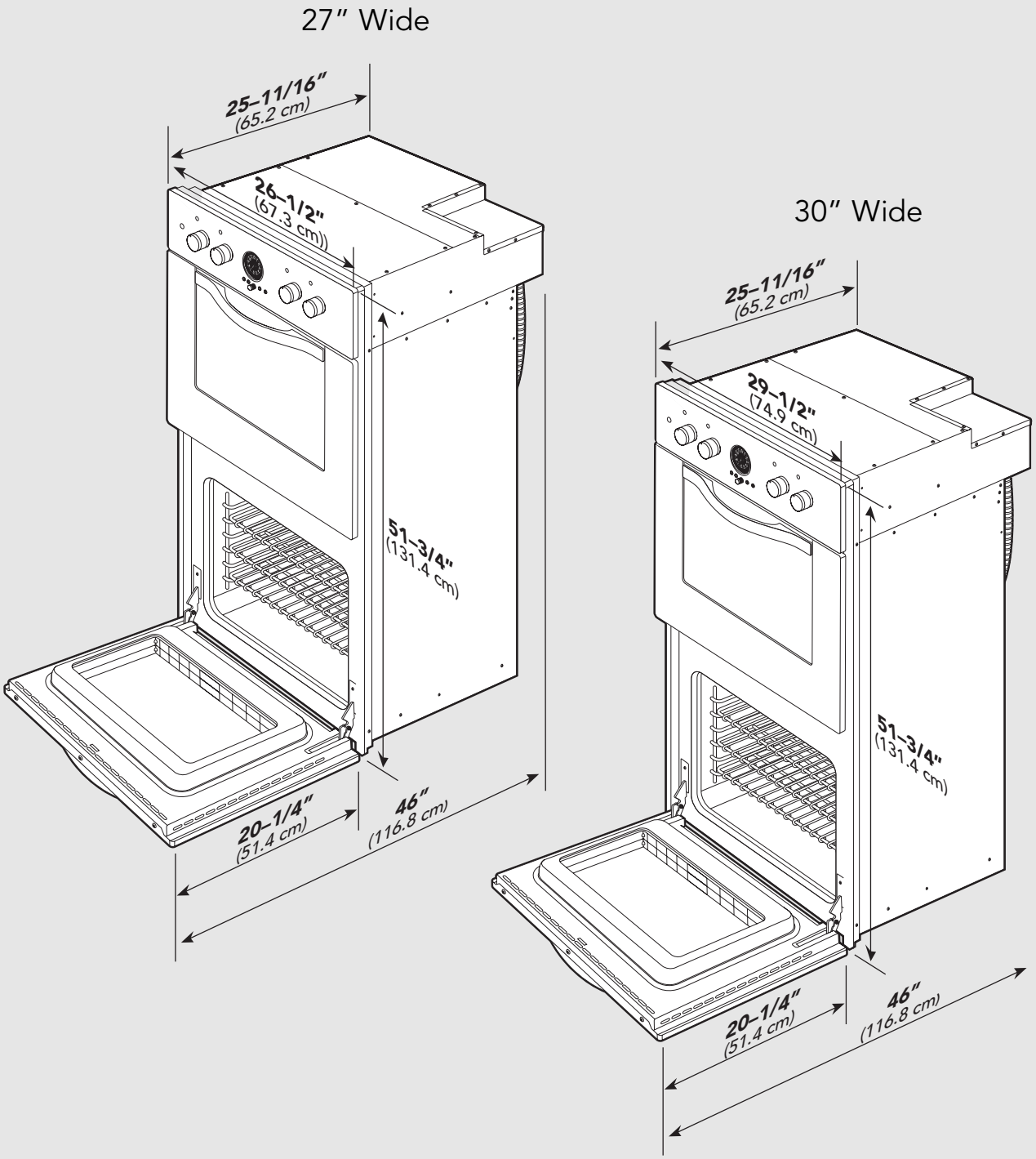
Specifications & Electrical Requirements

Professional Double Oven				
Description	**VEDO127/527–27" Wide**		**VEDO130/530–30" Wide**	
Overall Width	26 1/2" (67.3 cm)		29 1/2" (74.9 cm)	
Overall Height	51 1/4" (130.2 cm)			
Overall Depth	to edge of door—25 9/16" (64.9 cm) with door open—45 3/4" (116.2 cm)			
Cutout Width	25 1/2" (64.8 cm)		28 1/2" (72.4 cm)	
Cutout Height	50 5/8" (128.6 cm)			
Cutout Depth	24" (61.0 cm)			
Electrical Requirements	4-wire ground, 240VAC, 50 amp electrical connection Unit is equipped with No.10 ground wire in conduit. Should be fused separately.			
Maximum Usage	40.0 amps—240 VAC 34.7 amps—208 VAC			
Oven Interior Width–both ovens	22 5/16" (56.7 cm)		25 5/16" (64.3 cm)	
Oven Interior Height–both ovens	16 1/2" (41.9 cm)			
Oven Interior Depth–upper oven	16 13/16" (42.7 cm)			
Oven Interior Depth–lower oven	VEDO127 18 9/16" (47.1 cm)	VEDO527 16 13/16" (42.7 cm)	VEDO130 18 9/16" (47.1 cm)	VEDO530 16 13/16" (42.7 cm)
Oven Volume–upper oven (measured to AHAM standard)*	3.6 cu. ft.		4.1 cu. ft.	
Oven Volume–upper oven (total oven cavity)	4.2 cu. ft.		4.8 cu. ft.	
Oven Volume–lower oven (measured to AHAM standard)*	VEDO127 4.0 cu. ft.	VEDO527 3.6 cu. ft.	VEDO130 4.5 cu. ft.	VEDO530 4.1 cu. ft.
Oven Volume–lower oven (total oven cavity)	4.2 cu. ft.		4.8 cu. ft.	
Approximate Shipping Weight	360 lbs. (163 kg)		402 lbs. (182 kg)	

*The AHAM Standard for measuring oven capacity subtracts the door plug and convection baffle dimension from the total oven volume.

Dimensions–Double Oven

(Designer Series–Mechanical and Touch Control Models)

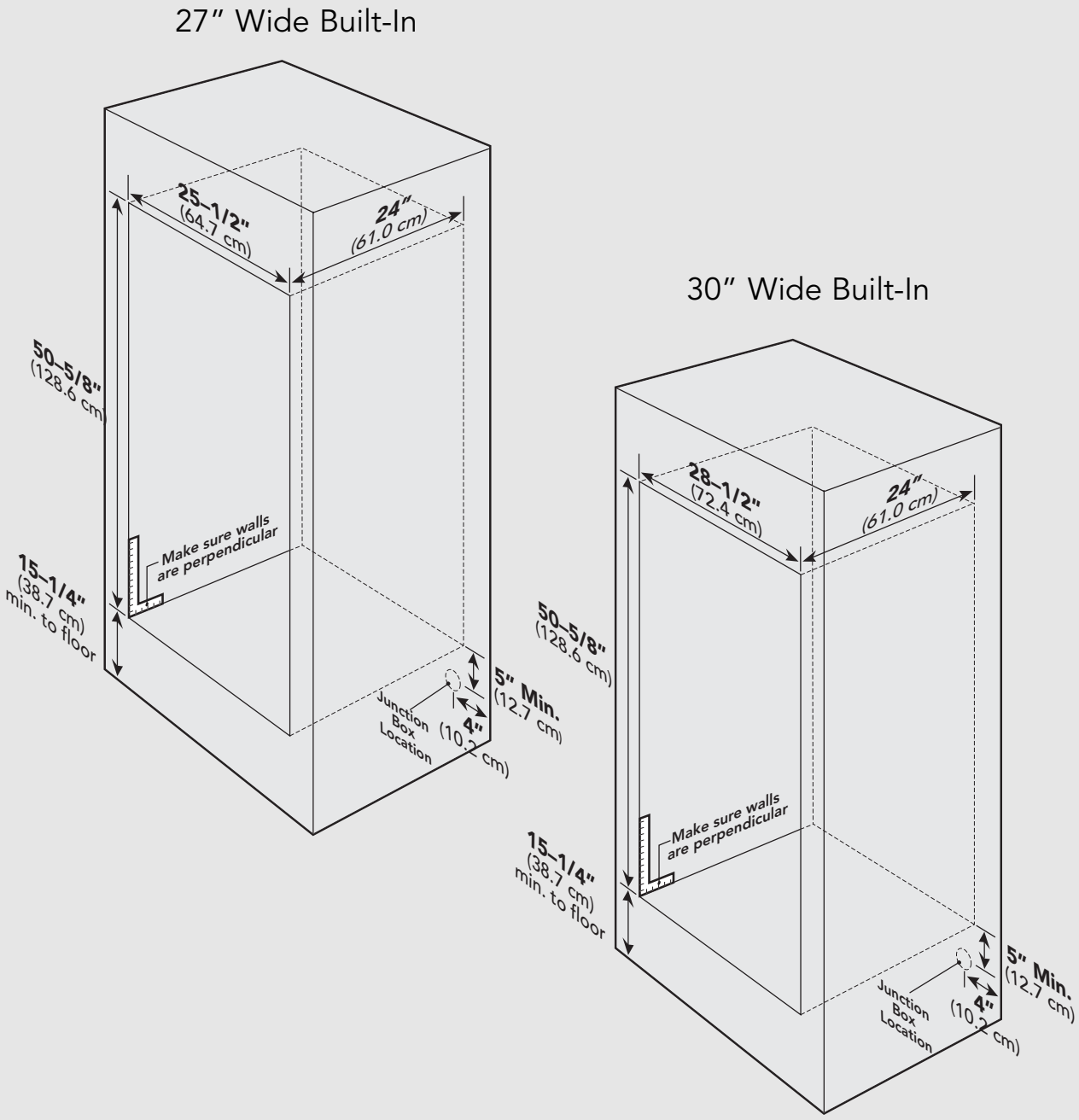


Specifications & Electrical Requirements

Designer Double Oven				
Description	**DEDO127(T)/527(T)–27" Wide**		**DEDO130(T)/530(T)–30" Wide**	
Overall Width	26 1/2" (67.3 cm)		29 1/2" (74.9 cm)	
Overall Height	51 3/4" (131.4 cm)			
Overall Depth	to edge of door—25 11/16" (65.2 cm) with door open—46" (116.8 cm)			
Cutout Width	25 1/2" (64.8 cm)		28 1/2" (72.4 cm)	
Cutout Height	50 5/8" (128.6 cm)			
Cutout Depth	24" (61.0 cm)			
Electrical Requirements	4-wire ground, 240VAC, 50 amp electrical connection Unit is equipped with No.10 ground wire in conduit. Should be fused separately.			
Maximum Usage	40.0 amps—240 VAC 34.7 amps—208 VAC			
Oven Interior Width–both ovens	22 5/16" (56.7 cm)		25 5/16" (64.3 cm)	
Oven Interior Height–both ovens	16 1/2" (41.9 cm)			
Oven Interior Depth–upper oven	16 13/16" (42.7 cm)			
Oven Interior Depth–lower oven	DEDO127 18 9/16" (47.1 cm)	DEDO527 16 13/16" (42.7 cm)	DEDO130 18 9/16" (47.1 cm)	DEDO530 16 13/16" (42.7 cm)
Oven Volume–upper oven (measured to AHAM standard)*	3.6 cu. ft.		4.1 cu. ft.	
Oven Volume–upper oven (total oven cavity)	4.2 cu. ft.		4.8 cu. ft.	
Oven Volume–lower oven (measured to AHAM standard)*	DEDO127 4.0 cu. ft.	DEDO527 3.6 cu. ft.	DEDO130 4.5 cu. ft.	DEDO530 4.1 cu. ft.
Oven Volume–lower oven (total oven cavity)	4.2 cu. ft.		4.8 cu. ft.	
Approximate Shipping Weight	360 lbs. (163 kg)		402 lbs. (182 kg)	

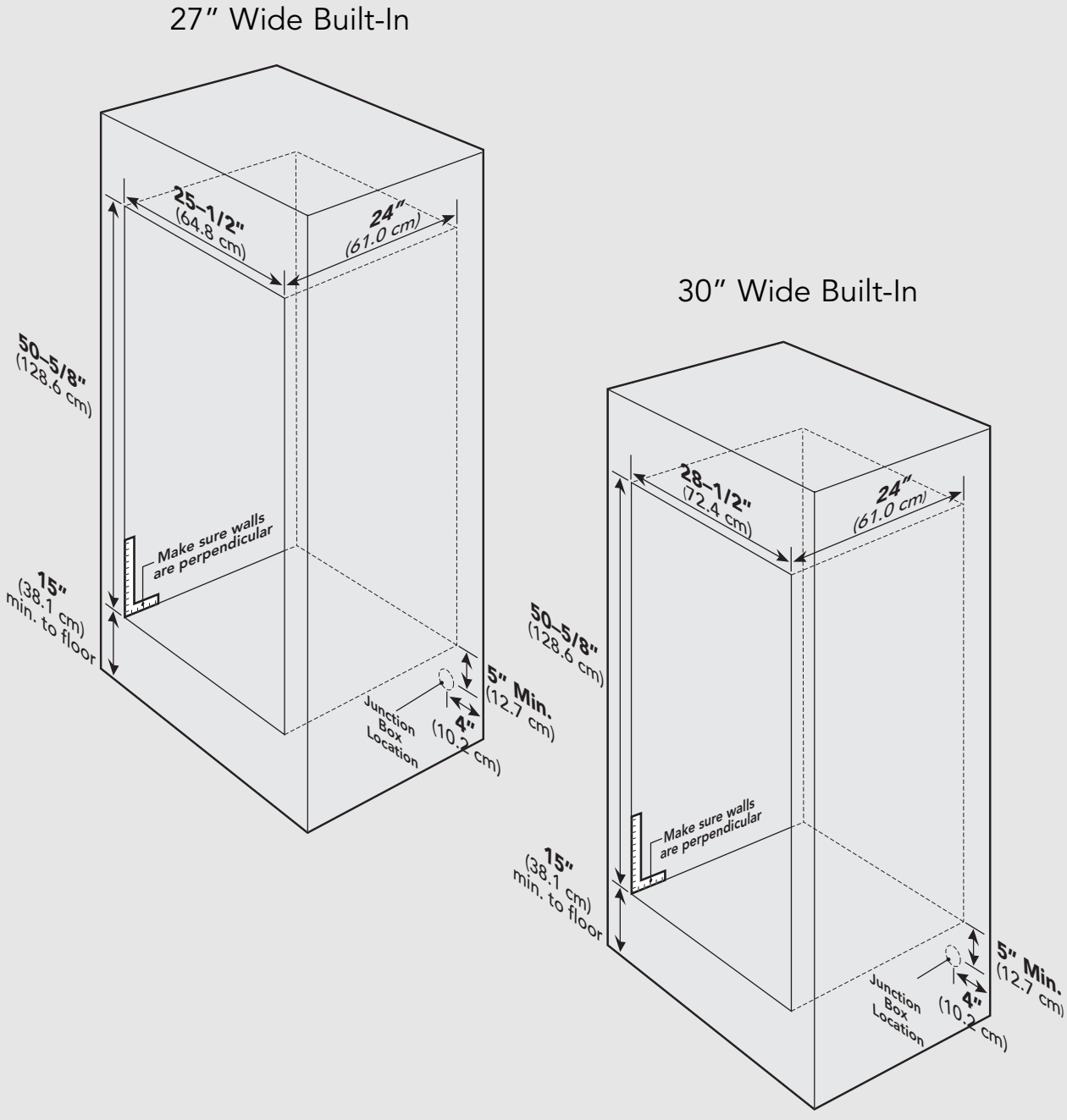
*The AHAM Standard for measuring oven capacity subtracts the door plug and convection baffle dimension from the total oven volume.

Cutout Dimensions–Double Oven (Professional Series)



Cutout Dimensions–Double Oven

(Designer Series–Mechanical and Touch Control Models)



General Information

- All openings in the wall behind the appliance or in the floor under the appliance should be sealed.
- Keep appliance area clear and free from combustible materials, gasoline and other flammable vapors.
- Disconnect the electrical supply prior to servicing or cleaning.
- When removing the appliance for cleaning or service, disconnect AC power supply and carefully remove the appliance by pulling forward.
- **CAUTION**: The oven is heavy – use care when handling!
- Electrical requirements are listed in the product specifications under the electrical requirements section.

Recommendations for Unpacking

- Products are shipped on pallets with foam footings and corrugated inner-packing and exterior hoods.
- Products are anchored to the pallet using metal straps that are screwed to the bottom of the product and the pallet.
- DO NOT remove protective packaging until you are ready to perform the installation.
- To remove the packaging, first remove the staples located at the bottom perimeter of the corrugated cover.
- Remove the corrugated cover by lifting it off the product and remove the inner-packing.
- Detach the product from the metal anchor strip by removing the attachment screw.
- DO NOT remove the protective wrapping from the product control panel until the product is installed.

Recommendations for Moving

- The appliance is heavy – use extreme care when handling!
- **WARNING: DO NOT** use the handle or oven door to lift the oven. Remove door before installation to ensure that it is not used to lift the unit. **Do not lift or carry the door by the handle.**
- Only proper equipment should be used to move products.
- ALWAYS take steps to protect flooring at the installation location when moving products.

Basic Specifications

Description	DUAL FUEL 36" WIDE RANGES VDSC536-6B/6G/6Q
Overall Width	35 7/8" (91.1 cm)
Overall Height	**To top of side trim:** **minimum:** 35 7/8" (91.1 cm) **maximum:** 37" (94 cm) **legs adjust:** 1 1/8" (2.9 cm)
Overall Depth from Rear	**To end of side panel:** 24 5/16" (61.8 cm) **To front of door:** 25 3/4" (65.4 cm) **To end of landing ledge:** 28 1/16" (71.2 cm) **To end of door handle:** 28 11/16" (72.9 cm)
Additions to Base Height	**To top of island trim:** add 1" (2.5 cm) **To top of backguard:** add 8" (20.3 cm) **To top of high shelf:** add 23 1/2" (59.7 cm)
Gas Requirements	Shipped natural or LP/Propane gas; field convertible with conversion kit (purchased separately); accepts standard residential 1/2" (1.3 cm) ID gas service line.
Gas Manifold Pressure	Natural 5.0" W.C.P./Liquid propane L/P 10.0" W.C.P
Electrical Requirements	240-208VAC, 60Hz electrical connection box on product, connect with locally supplied 3-wire, flexible cord or "pigtail" rated 40 amp 125-250 VAC minimum. Cord must be agency approved for use with household electric ranges.
Maximum Amp Usage	240V – 28.5 amps 208V – 24.7 amps
Surface Burner Rating	**Natural gas:** 15,000 BTU (4.4 kW); 18,500 BTU (5.4 kW) **LP:** 12,500 BTU (4 kW); 16,600 BTU (4.9 kW)
Griddle Burner Rating	15,000 Btu Nat./12,500 BTU LP (4.4 kW Nat/3.7 kW LP)
Grill Burner Rating	18,000 Btu Nat./16,000 BTU LP (5.3 kW Nat/4.7 kW LP)
Oven Interior Width	30 5/16" (78.6 cm)
Oven Interior Height	16 1/2" (41.9 cm)
Oven Interior Depth	**Overall:** 19 1/2" (49.5 cm) **AHAM*:** 16 13/16" (42.7 cm)
Oven Volume	Total oven capacity – 5.6 cu. ft. **AHAM*:** 4.9 cu. ft.
Approximate Shipping Weight	500 lbs. (225 kg)

Please do not prepare installation from brochure data only. See installation instructions for important clearance/installation information.

*The AHAM standard for measuring oven capacity subtracts the door plug and convection baffle dimension from the total oven volume.

All ranges

All models with standard equipment are design-certified for residential installation

To receive the most current specification sheets, visit Dimension Express at www.dexpress.com or call from your fax machine at (925)284-3558. Enter code #8051 for Viking Products. This will send you information on how to use the system and the corresponding model code numbers. Dimension Express customer support can be reached by email at: support@dexpress.com.

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Please do not prepare installation from brochure data only. See installation instructions for important clearance/installation information.

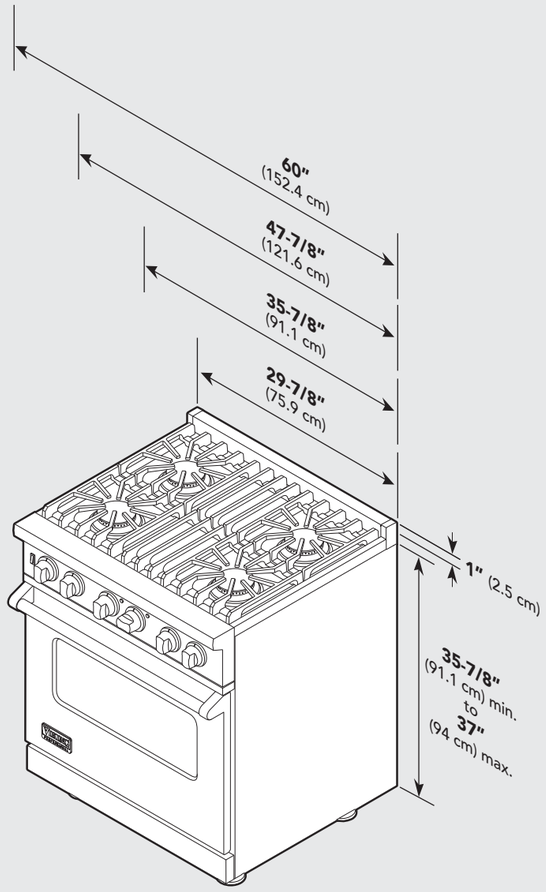
Viking Range Corporation
111 Front Street
Greenwood, Mississippi 38930 USA

(662) 455-1200

For product information, call 1-888-VIKING1 (845-4641),
or visit the Viking Web site at vikingrange.com

Dimensions

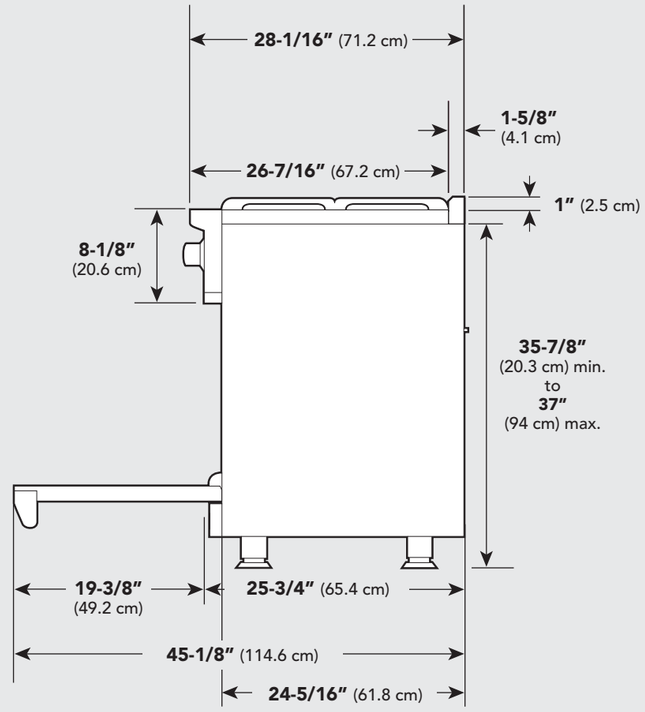
Dual Fuel 30”, 36”, 48” and 60” W. Ranges



Note: *Unit shown with standard island trim.*

Dimensions

Dual Fuel 30”, 36”, 48” and 60” W. Ranges



Note: *Unit shown with standard island trim.*

Specifications

Dual Fuel 30” and 36” W. Ranges

Description	30” W. Models	36” W. Models
Overall width	29-7/8” (75.9 cm)	35-7/8” (91.1 cm)
Overall height	To top of side trim - 35-7/8” (91.1 cm) min 37” (94.0 cm) max Legs adjust - 1-1/8” (2.9 cm)	
Overall depth from rear	To end of side panel - 24-5/16” (61.8 cm) To front of door - 25-3/4” (65.4 cm) To end of landing ledge - 28-1/16” (71.2 cm) To end of door handle - 28-11/16” (72.9 cm)	
Additions to Base Height	To top of island trim - add 1” (2.5 cm) To top of backguard - add 8” (20.3 cm) To top of high shelf - add 23-1/2” (59.7 cm)	
Gas Requirements	Shipped Natural or LP/Propane, field convert with conversion kit (purchased separately); accepts standard residential 1/2” (1.3 cm) ID gas service line	
Gas Manifold Pressure	Natural 5.0” W.C.P./ Liquid Propane L/P 10.0” W.C.P.	
Electrical Requirements	240-208 VAC 60 Hz electrical connection box on product, connect with locally supplied 3-wire, flexible cord or “pigtail” rated 40 amp (50 amp for 48” and 60” models) 125-250 VAC minimum. Cord must be agency approved for use with household electric ranges.	
Max Amp Usage	240V - 25.4 amps 208V - 22.9 amps	240V - 28.5 amps 208V - 24.7 amps
Surface Burner Rating Natural/LP	18,500 BTU (5.4 kW)/16,600 BTU (4.9 kW) 15,000 BTU (4.4 kW)/12,500 BTU (3.7 kW)	
Griddle Burner Rating	NA	15,000 BTU Nat./12,500 BTU LP/Propane (4.4 kW Nat/ 3.7 kW LP)
Grill Burner Rating	NA	18,000 BTU Nat./16,000 BTU LP/Propane (5.3 kW Nat/ 4.7 kW LP)
Oven(s) Interior Width	25-5/16” (64.6 cm)	30-5/16” (76.9 cm)
Oven(s) Interior Height	16-1/2” (41.9 cm)	
Oven(s) Interior Depth	Overall - 19-1/2” (49.5 cm) AHAM 16-13/16” (42.7 cm)	
Oven(s) Volume Overall AHAM	 4.7 cu. ft. 4.1 cu. ft.	 5.6 cu. ft. 4.9 cu. ft.
Approximate shipping weight	410 lbs. (184.5 kg)	500 lbs. (225 kg)

Minimum clearances from adjacent combustible construction:
Below cooking surface (36” [91.4 cm] and below)

- Sides - 0”
- Top grate support - 36” (91.4 cm)

Above cooking surface (above 36” [91.4 cm])

- Sides - 6” (15.2 cm)
- Within 6” (15.2 cm) side clearance, wall cabinets no deeper than 13” (33.0 cm) must be minimum 18” (45.7 cm) above cooking surface
- Wall cabinets directly above product must be a minimum of 42” (106.7 cm) above cooking surface
- Rear - 0” with 8” backguard or high shelf; 0” with island trim and non-combustible rear wall;
- 6” (15.2 cm) with island trim and combustible rear wall

Specifications

Dual Fuel 48” and 60” W. Ranges

Description	48” W. Models	60” W. Models
Overall width	47-7/8” (121.6 cm)	60” (152.4 cm)
Overall height	To top of side trim - 35-7/8” (91.1 cm) min 37” (94.0 cm) max Legs adjust - 1-1/8” (2.9 cm)	
Overall depth from rear	To end of side panel - 24-5/16” (61.8 cm) To front of door - 25-3/4” (65.4 cm) To end of landing ledge - 28-1/16” (71.2 cm) To end of door handle - 28-11/16” (72.9 cm)	
Additions to Base Height	To top of island trim - add 1” (2.5 cm) To top of backguard - add 8” (20.3 cm) To top of high shelf - add 23-1/2” (59.7 cm)	
Gas Requirements	Shipped Natural or LP/Propane, field convert with conversion kit (purchased separately); accepts standard residential 1/2” (1.3 cm) ID gas service line	
Gas Manifold Pressure	Natural 5.0” W.C.P./ Liquid Propane L/P 10.0” W.C.P.	
Electrical Requirements	240-208 VAC 60 Hz electrical connection box on product, connect with locally supplied 3-wire, flexible cord or “pigtail” rated 40 amp (50 amp for 48” and 60” models) 125-250 VAC minimum. Cord must be agency approved for use with household electric ranges.	
Max Amp Usage	240V - 37 amps 208V - 32 amps	240V - 40 amps 208V - 34.7 amps
Surface Burner Rating Natural/LP	18,500 BTU (5.4 kW)/16,600 BTU (4.9 kW) 15,000 BTU (4.4 kW)/12,500 BTU (3.7 kW)	
Griddle Burner Rating	15,000 BTU Nat./12,500 BTU LP/Propane (4.4 kW Nat/ 3.7 kW LP)	
Grill Burner Rating	18,000 BTU Nat./16,000 BTU LP/Propane (5.3 kW Nat/ 4.7 kW LP)	
Oven(s) Interior Width	Right - 25-5/16” (64.6 cm) Left - 13-3/4” (34.9 cm)	25-5/16” (64.6 cm)
Oven(s) Interior Height	16-1/2” (41.9 cm)	
Oven(s) Interior Depth	Overall - 19-1/2” (49.5 cm) AHAM 16-13/16” (42.7 cm)	
Oven(s) Volume Overall AHAM	 Right - 4.7 cu. ft. Left - 2.6 cu. ft. Right - 4.1 cu. ft. Left - 2.2 cu. ft.	 Both Ovens 4.7 cu. ft. Both Ovens 4.1 cu. ft.
Approximate shipping weight	575 lbs. (258.8 kg)	750 lbs. (337.5 kg)

Minimum clearances from adjacent combustible construction:
Below cooking surface (36” [91.4 cm] and below)

- Sides - 0”
- Top grate support - 36” (91.4 cm)

Above cooking surface (above 36” [91.4 cm])

- Sides - 6” (15.2 cm)
- Within 6” (15.2 cm) side clearance, wall cabinets no deeper than 13” (33.0 cm) must be minimum 18” (45.7 cm) above cooking surface
- Wall cabinets directly above product must be a minimum of 42” (106.7 cm) above cooking surface
- Rear - 0” with 8” backguard or high shelf; 0” with island trim and non-combustible rear wall;
- 6” (15.2 cm) with island trim and combustible rear wall

Clearance Dimensions (Proximity to Cabinets)

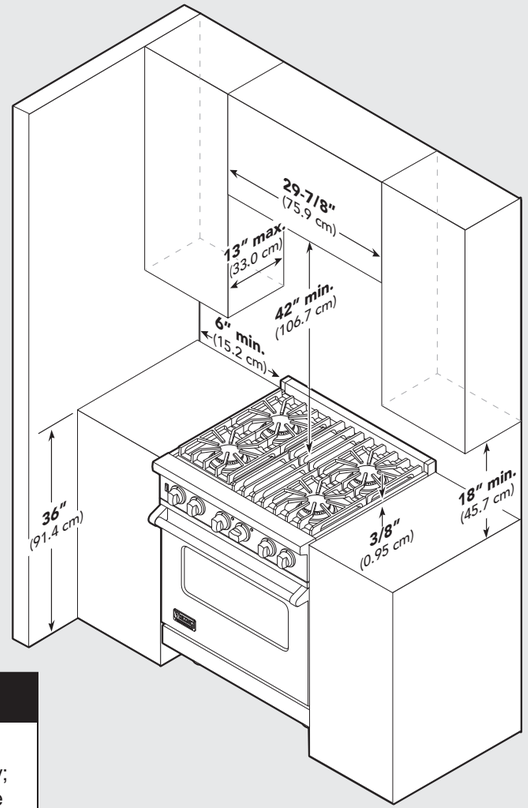
- This range may be installed directly adjacent to existing 36” (91.4 cm) high base cabinets.

  IMPORTANT: The side trim MUST be 3/8” (.95 cm) above the adjacent base cabinet countertop. This can be accomplished by raising the unit using the adjustment spindles on the legs.

- The range CANNOT be installed directly adjacent to sidewalls, tall cabinets, tall appliances, or other side vertical surfaces above 36” (91.4 cm) high. There must be a minimum of 6” (15.2 cm) side clearance from the range to such combustible surfaces above the 36” (91.4 cm) counter height.

- Within the 6” (15.2 cm) side clearance to combustible vertical surfaces above 36” (91.4 cm), the maximum wall cabinet depth must be 13” (33.0 cm) and wall cabinets within this 6” (15.2 cm) side clearance must be 18” (45.7 cm) above the 36” (91.4 cm) high countertop.

- Wall cabinets above the range must be a minimum of 42” (106.7 cm) above the range cooking surface for the full width of the range. This minimum height requirement does not apply if a range hood is installed over the cooking surface.



CAUTION

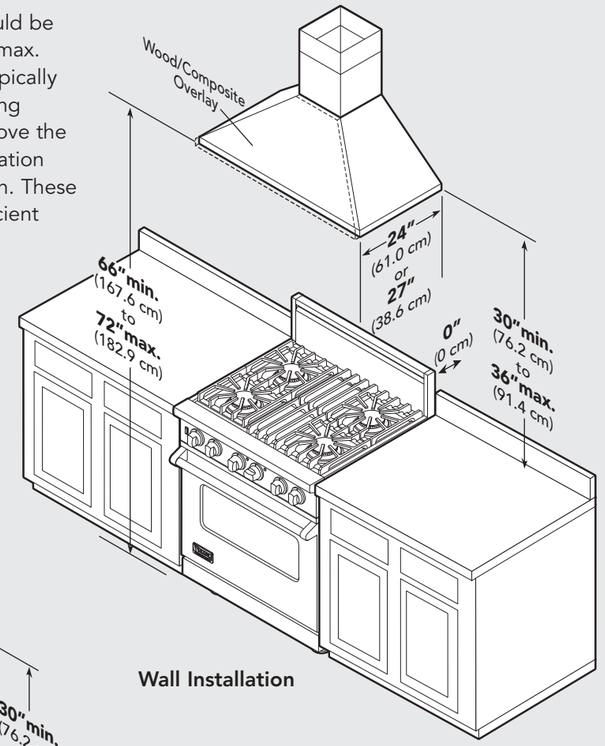
Burn hazard.
To avoid risk of personal injury; the use of cabinets for storage above the appliance may result in a potential burn hazard. Combustible items may ignite, metallic items may become hot and cause burns. If a cabinet storage is to be provided the risk can be reduced by installing a rangehood that projects horizontally a minimum 5” (12.7 cm) beyond the bottom of cabinets.

Note: *Minimum clearance for back wall is 0” with backguard or high-shelf.*

Note: *If a range hood is installed, wall cabinets above the range have a different minimum clearance height.*

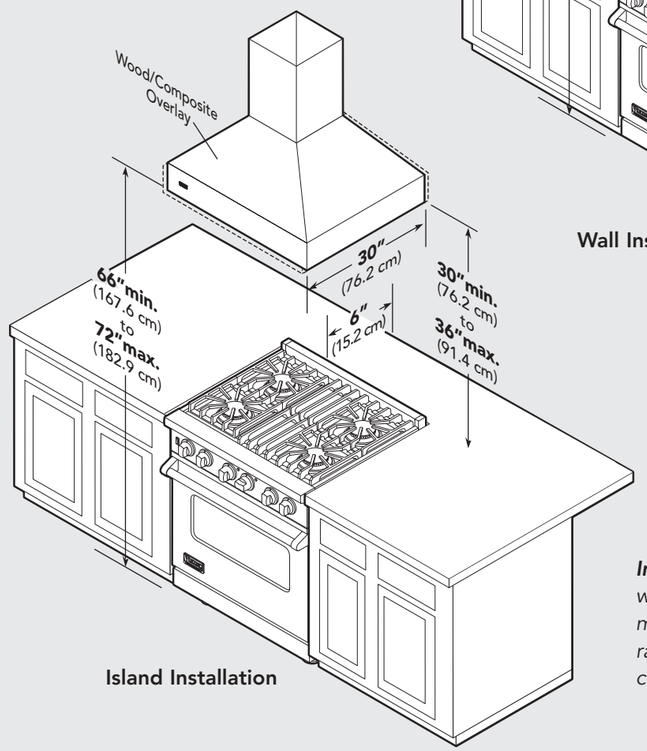
Clearance Dimensions (Wood/Composite Overlay)

The bottom of a standard hood should be 30” (76.2 cm) min. to 36” (91.4 cm) max. above the countertop. This would typically result in the bottom of the hood being 66” (167.6 cm) to 72” (182.9 cm) above the floor. Refer to the range hood installation instructions for additional information. These dimensions provide for safe and efficient operation of the hood.



Wall Installation

Note: *Minimum clearance for back wall is 0” with backguard or high-shelf.*



Island Installation

Important: *This range comes standard with an Island Trim. There must be a minimum of 6” clearance from rear of range to a* ***combustible*** *wall or 0” clearance to a* ***non-combustible*** *wall.*

Electrical & Gas Requirements

Electrical Requirements
Check your national and local codes regarding this unit. This range requires 3 wire or 4 wire, 240-208 VAC/60 Hz. *See "Electrical Connection" section for grounding instructions.* Must be fused seperately from any other circuit.

⚠ WARNING

Electrical shock hazard.
To avoid the risk of electrical shock, personal injury or death; verify electrical power is turned off at the breaker box and gas supply is turned off until the range is installed and ready to operate, installation by an authorized installer only.

Gas Connection
The gas supply (service) line must be the same size or greater than the inlet line of the appliance. This range uses a 1/2" (1.3 cm) ID NPT (Sch40) inlet. Sealant on all pipe joints must be resistive to LP gas.

The range is designed specifically for natural gas or liquid propane (LP) gas. Before beginning installation verify that the model is compatible with the intended gas supply.

Manual shut-off valve:
This installer-supplied valve must be installed in the gas service line before the appliance in the gas stream and in a location where it can be reached quickly in the event of an emergency.

In Massachusetts: A "T" handle type manual valve must be installed in the gas supply line to the appliance.

IMPORTANT: Any conversion required must be performed by your dealer or a qualified licensed plumber or gas service company. Please provide the service person with this manual before work begins.

Pressure Regulator:

- All heavy-duty, commercial type cooking equipment must have a pressure regulator on the incoming service line for safe and efficient operation, since service pressure may fluctuate with local demand. External regulators are not required on this range since a regulator is built into each unit at the factory. Under no condition bypass this built-in regulator.

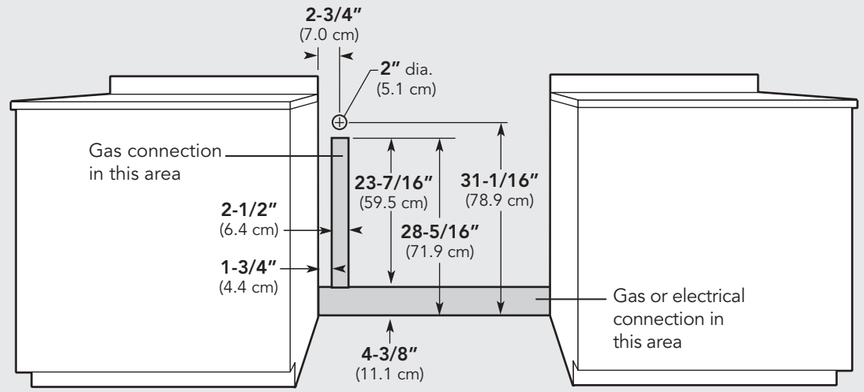
- Manifold pressure should be checked with a manometer, natural gas requires 5.0" W.C.P. and LP gas requires 10.0" W.C.P. Incoming line pressure upstream from the regulator must be 1" W.C.P. higher than the manifold pressure in order to check the regulator. The regulator used on this range can withstand a maximum input pressure of 1/2" PSI (14.0" W.C.P.). If the line pressure is in excess of that amount, a step down regulator will be required.

- The appliance must be disconnected from the gas supply piping system during any pressure testing of that system.

Flexible Connections:
If the unit is to be installed with flexible couplings and/or quick-disconnect fittings, the installer must use a heavy-duty AGA design-certified flexible connector of at least 1/2" (1.3 cm) ID NPT (with suitable strain reliefs) in compliance with ANSI Z21.41 and Z21.69.

In Canada: CAN 1-6, 10-88 metal connectors for gas appliances and CAN 1-6.9 M79 quick disconnect devices for use with gas fuel.

In Massachusetts: This appliance must be installed with a 36" (3-foot) long flexible gas connector.

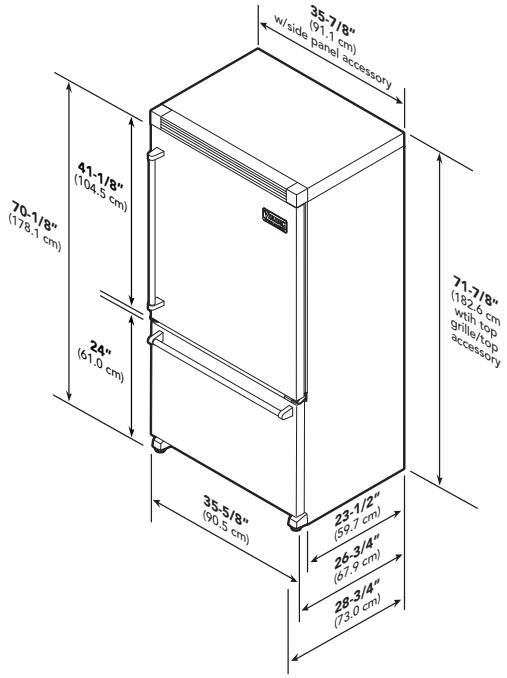


Please see **Installation Notes & Accessories** for important information, including water filter, handle, trim and top grille kits.

Dimensions & Specifications

PRODUCT DIMENSIONS

VCBF136
Professional



PROFESSIONAL

	VCBF136
Overall width	**35-5/8" (90.5 cm)**
Addition of side panels	**35-7/8" (91.1 cm)**
Overall height (from bottom)	**70-1/8" (178.1 cm)**
Addition of tops/grilles	**71-7/8" (182.6 cm)**
Overall depth (from rear)	
To front of door	**26-3/4" (67.9 cm)**
To front of handle	**28-3/4" (73.0 cm)**
Approx. ship weight	**327 lbs. (148.7 kg)**

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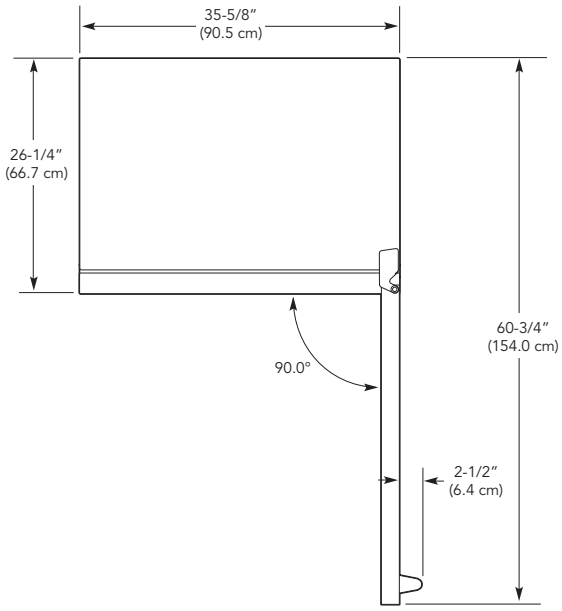
Dimensions & Specifications

DOOR SWING

VCBF136
Professional



PROFESSIONAL

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UTILITY REQUIREMENTS

GAS
Not applicable

ELECTRICAL
- Three-wire cord with grounded three-prong plug attached to product. Do not use an extension cord or adapter plug for a two-prong receptacle—call a qualified electrical installer.

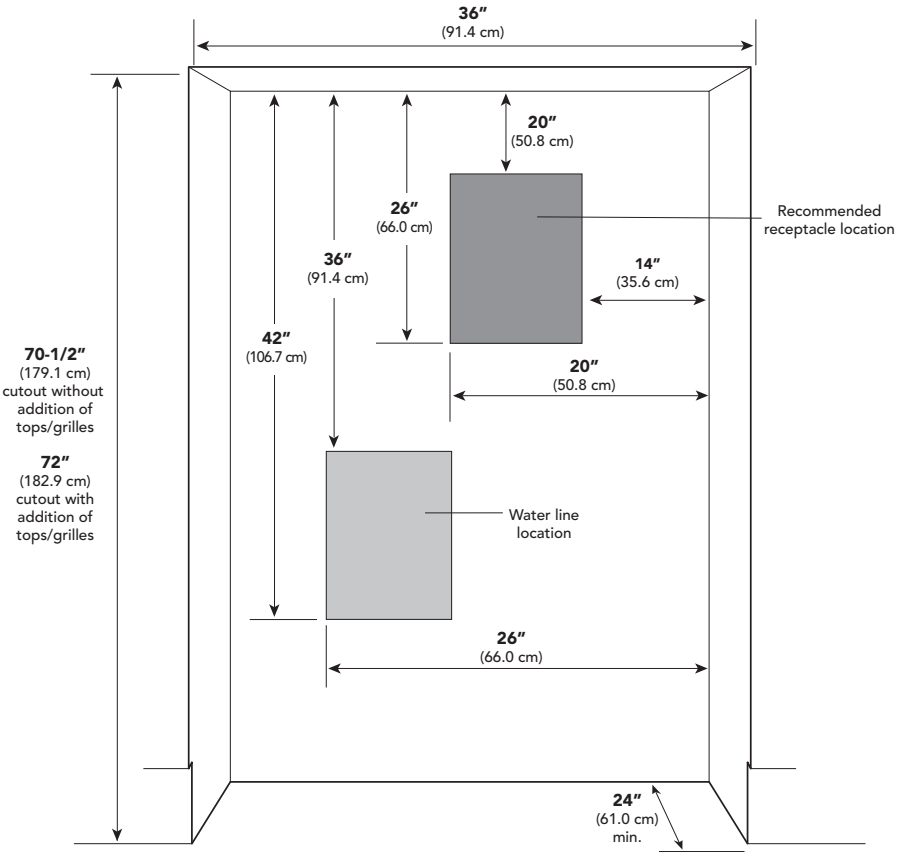
o 115V/60 Hz; 15 amp dedicated circuit
o Maximum amp usage—7.9
o Estimated energy usage—452 kWh/year

PLUMBING
- Inlet waterline requirements—1/4" copper tubing
- 35 psi min.; 100 psi max.

Installation Requirements

ACCESS REQUIREMENTS

VCBF136
Professional



When installing into a cutout, the edge of the door must be 2-7/8" (7.3 cm) from the adjacent countertop cabinet.

Allow 1/2" (1.3 cm) space at top and 1/2" (1.3 cm) behind the machine compartment cover (located in the rear) for proper air circulation. Sub-flooring or floor coverings (i.e. carpet, tile, wood floors, rugs) may make your opening smaller than anticipated. Some clearance may be gained by using the leveling procedure under **Leveling** in the Installation Guide.

	VCBF136
Cutout width	**36" (91.4 cm)**
Cutout height	**70-1/2" (179.0 cm)**
Addition of tops/grilles	**72" (182.9 cm)**
Cutout depth	**24" (61.0 cm)**

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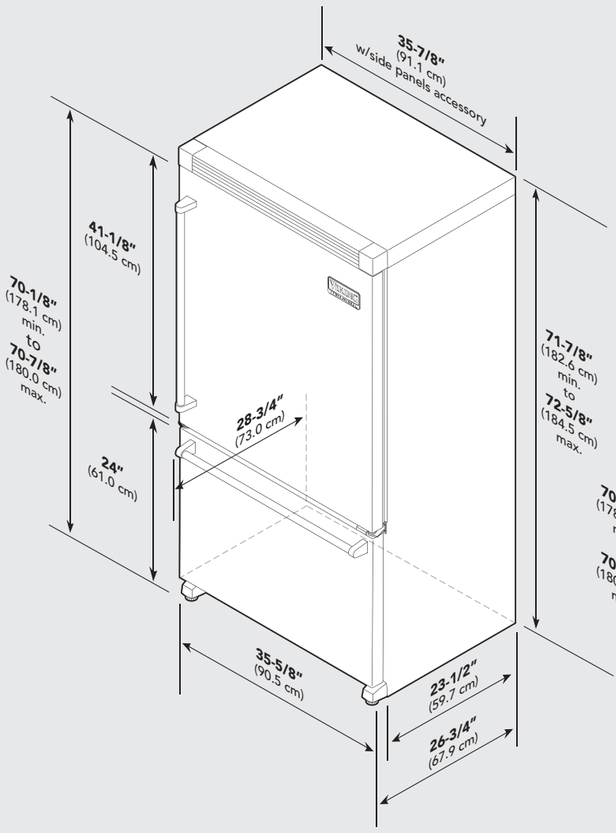
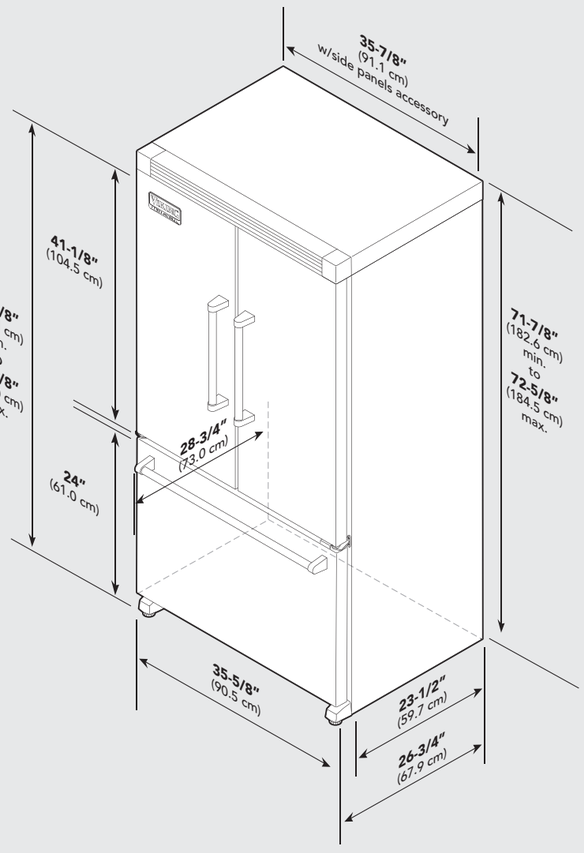
Dimensions (Professional Bottom-Mount)

36" Professional



36" Professional French Door

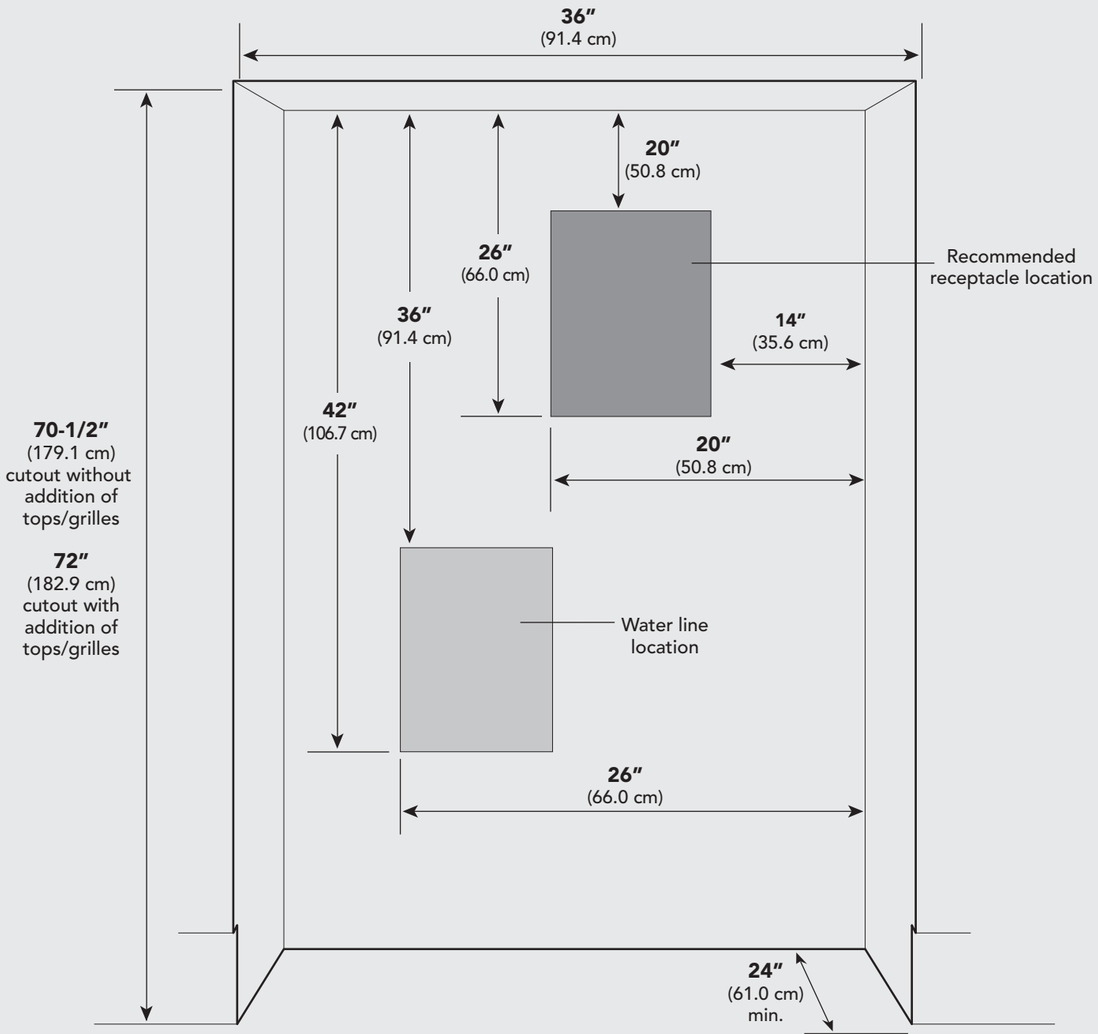


Specifications (Professional Bottom-Mount)

36" Bottom-Mount		
Description	**VCBF136**	**VCFF136**
Overall width	35-5/8" (90.5 cm) Addition of side panels: 35-7/8" (91.1 cm)	
Overall height	70-1/8" (178.1 cm) min. to 70-7/8" (180.0 cm) max. Addition of top grilles: 71-7/8" (182.6 cm) min. to 72-5/8" (184.5 cm) max.	
Overall depth from rear	To front edge of side trim: 23-1/2" (59.7 cm) To front edge of top grille: 26-3/4" (67.9 cm) To front of handle endcap: 28-3/4" (73.0 cm)	
Cutout height	70-1/2" (179.0 cm) Addition of top grilles: 72" (182.9 cm)	
Cutout width	36" (91.4 cm)	
Cutout depth	24" (61.0 cm)	
Electrical requirements	115 volt, 60 Hz, 15 amp dedicated circuit; 3-wire cord with grounded 3-prong plug attached to product	
Maximum amp usage	7.9 amps	
Inlet water requirements	1/4" copper tubing inlet waterline; minimum 35 psi; maximum 120 psi	
Overall interior capacities	Bottom-Mount	French Door Bottom-Mount
Refrigerator	14.4 cu. ft. (407 liters)	14.1 cu. ft. (399 liters)
Freezer	5.5 cu. ft. (156 liters)	5.5 cu. ft. (156 liters)
Total capacity	19.9 cu. ft. (563 liters)	19.6 cu. ft. (555 liters)
Approximate shipping weight	327 lbs. (148.7 kg)	

NOTE: *When installing into a cutout, the edge of the door must be 2-7/8" (7.3 cm) from the adjacent countertop/cabinet.*

Water Line & Electrical Location



Important Safety Instructions

WARNING: To reduce the risk of fire, electric shock, or injury to persons when using the refrigerator, follow basic precautions, including the following:

- Plug into a grounded 3 prong outlet.
- Do not remove ground prong.
- Do not use an adapter.
- Do not use an extension cord.
- Disconnect power before servicing.
- Replace all parts and panels before operating.
- Remove doors from your old refrigerator.
- Use nonflammable cleaner.
- Keep flammable materials and vapors, such as gasoline, away from refrigerator.
- Use two or more people to move and install refrigerator.
- Disconnect power before installing ice maker (on ice maker kit ready models only).

SAVE THESE INSTRUCTIONS

Proper Disposal (of old refrigerator)

⚠ WARNING

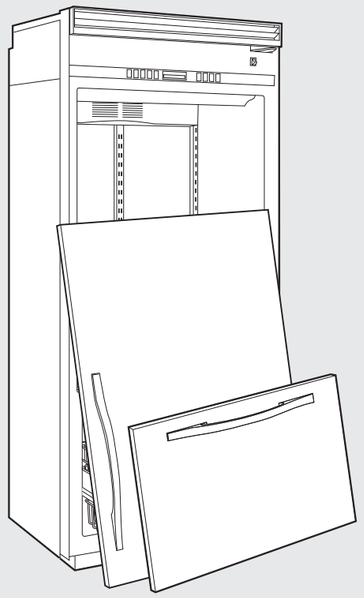
Suffocation Hazard

Remove doors from your old refrigerator.

Failure to do so can result in death or brain damage.

IMPORTANT:
Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigerators are still dangerous - even if they will sit for "just a few days." If you are getting rid of your old refrigerator, please follow these instructions to help prevent accidents.

Before You Throw Away Your Old Refrigerator or Freezer:
- Take off the doors.
- Leave the shelves in place so that children may not easily climb inside.



General Information

Unpacking Unit

Your refrigerator was packed carefully for shipment. Remove and discard all packaging and tape. Do not remove the model/serial number label.

⚠ WARNING

Excessive Weight Hazard

Use two or more people to move and install refrigerator.

Failure to do so can result in back or other injury.

When moving Your Refrigerator:
Your refrigerator is heavy. When moving the refrigerator for cleaning or service, be sure to protect the floor. Always pull the refrigerator straight out when moving it. Do not wiggle or "walk" the refrigerator when trying to move it, as floor damage could occur.

Location

⚠ WARNING

Explosion Hazard

Keep flammable materials and vapors, such as gasoline, away from refrigerator.

Failure to do so can result in death, explosion, or fire.

- Do not install refrigerator near oven, radiator or other heat sources. If not possible, shield refrigerator material.
- Do not install where the temperature falls below 55°F (13°C) or rises above 110°F (43°C). Malfunctions can occur at these temperatures.
- Refrigerator is designed for indoor household application only.

Measuring the Opening

When installing your refrigerator, measure carefully. Allow 1/2" (1.3 cm) space at top and 1/2" (1.3 cm) behind the machine compartment cover (located in the rear) for proper air circulation. Sub-flooring or floor coverings (i.e. carpet, tile, wood floors, rugs) may make your opening smaller than anticipated. Some clearance may be gained by using the leveling procedure under "Leveling". When installing your refrigerator next to a fixed wall, leave 2 7/8" (7.3 cm) minimum on the hinge side to allow for the door to swing open.

General Information

Moving Unit

- NEVER transport the refrigerator on its side. If an upright position is not possible, lay the refrigerator on its back. Allow refrigerator to sit upright for approximately 30 minutes before plugging it in to assure oil returns to the compressor. Plugging the refrigerator in immediately may cause damage to internal parts.
- Use an appliance dolly when moving refrigerator. ALWAYS truck refrigerator from its side or back - NEVER from its front.
- Protect outside finish of refrigerator during transport by wrapping cabinet in blankets or inserting padding between the refrigerator and dolly.
- Secure refrigerator to dolly firmly with straps or bungee cords. Thread straps through handles when possible. Do not overtighten. Overtightening restraints may dent or damage outside finish.

Electrical Requirements

⚠ WARNING

Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

Before you move your refrigerator to its final location, it is important to make sure you have the proper electrical connection.

Recommended Grounding Method
A 115 Volt, 60 Hz., AC only 15- or 20-amp fused, grounded electrical supply is required. It is recommended that a separate circuit serving only your refrigerator be provided. Use an outlet that cannot be turned of by a switch. Do not use an extension cord.

NOTE: Before performing any type of installation, cleaning, or removing a light bulb, turn the refrigerator OFF. Press the freezer Down Arrow control until a dash (-) appears in both the Freezer and Refrigerator displays. Disconnect the refrigerator from the electrical source. When you are finished, reconnect the refrigerator to the electrical source and reset the temperature controls to the desired setting.

General Information

Water Supply Requirements

A cold water supply with water pressure of between 35 and 120 psi (241 and 827 kPa) is required to operate the water dispenser and ice maker. If you have questions about your water pressure, call a licensed, qualified plumber.

Reverse Osmosis Water Supply
IMPORTANT: The pressure of the water supply coming out of a reverse osmosis system going to the water inlet valve of the refrigerator needs to be between 35 and 120 psi (241 and 827 kPa).

If a reverse osmosis water filtration system is connected to your cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 to 60 psi (276 to 414 kPa).

If the water pressure to the reverse osmosis system is less than 40 to 60 psi (276 to 414 kPa):

- Check to see whether the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Allow the storage tank on the reverse osmosis system to refill afer heavy usage.
- If your refrigerator has a water filter, it may further reduce the water pressure when used in conjunction with a reverse osmosis system. Remove the water filter.

If you have questions about your water pressure, call a licensed, qualified plumber.

Please see **Installation Notes and Accessories** for important information, including trim kits and multi-use chambers.

Dimensions & Specifications

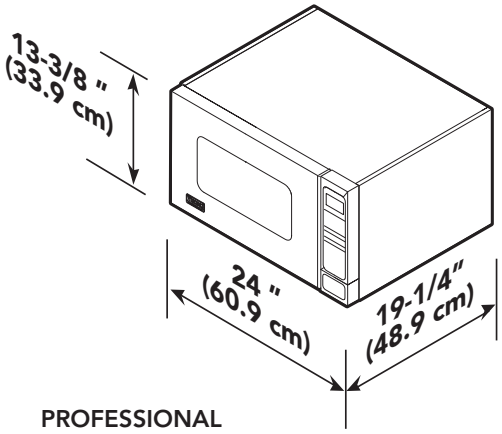
PRODUCT DIMENSIONS

VMOS200 Professional Microwave Oven

VMOS200 w/Trim Kit

DMOS200 Designer Microwave Oven

DMOS200 w/Trim Kit



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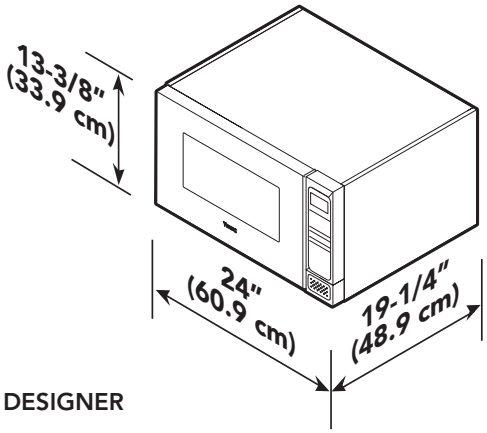

DESIGNER

	All models
Overall width	**24" (60.9 cm)**
Overall height (from bottom)	**13-3/8" (33.9 cm)**
Overall depth (from rear)	**19-1/4" (48.9 cm)**
Interior (each oven)	
Width	**17-3/8" (44.1 cm)**
Height	**10-1/2" (26.6 cm)**
Depth	**18-5/8" (47.3 cm)**
Approx. ship weight	**55 lbs. (24.7 kg)**

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UTILITY REQUIREMENTS

GAS
- Not applicable

ELECTRICAL
- Three-and-a-half foot power cord included
- 120 VAC/60 Hz
- Maximum amp usage—
  - o VMOS— 13 (1.5 kW)
  - o DMOS— 13 (1.5 kW)

PLUMBING
Not applicable

Installation Requirements

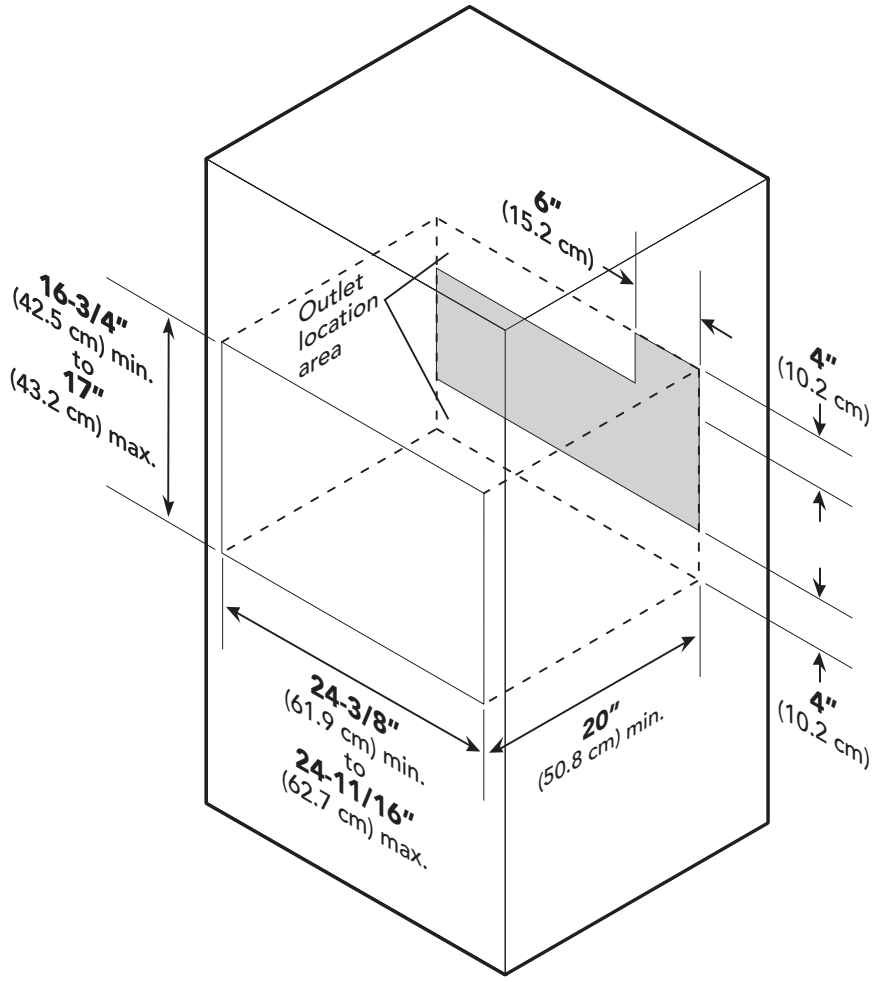
ACCESS REQUIREMENTS

VMOS200 Professional Microwave Oven

VMOS200 w/Trim Kit

DMOS200 Designer Microwave Oven

DMOS200 w/Trim Kit



All Models	
Cutout width	**24-3/8" (61.9 cm) min. to 24-11/16" (62.7 cm) max.**
Cutout height	**16-3/4" (42.5 cm) min. to 17" (43.2) max.**
Cutout depth	**20" (50.8 cm)**

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✪ Installation Notes & Accessories

Built-In Trim Kits

- Stainless Steel (SS)
- Designed to match with corresponding ovens and warming drawers
- Trim gives finished look to ovens installed as built-in units
- Kit includes frame assemblies, exhaust duct assembly, and metal fasteners

Model	Description	Approx. ship wt. lbs. (kg)
VMTK271	27"W./18-1/4"H. Professional microwave trim	12.9 (5.8)
VMTK301	30"W./18-1/4"H. Professional microwave trim	13.9 (6.3)
VMTK361	36"W./18-1/4"H. Professional microwave trim	14.9 (6.8)
DMTK271	27"W./18-1/4"H. Designer microwave trim	14 (6.5)
DMTK301	30"W./18-1/4"H. Designer microwave trim	15 (6.9)

Compliance Information

WARRANTY INFORMATION*

- One-year full warranty—complete product
- Five-year limited warranty—magnetron tube
- Ninety-day limited warranty—cosmetic parts such as glass, painted, and decorative items

*For complete warranty see *Use & Care Guide*. Warranty valid on Viking products shipped within the United States and Canada.

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INSTALLATION INSTRUCTIONS

VIKING RANGE CORPORATION
111 Front Street
Greenwood, Mississippi 38930 USA
(662) 455-1200

DESIGNER SERIES
MICROWAVE BUILT-IN TRIM KIT

Retain for Future Reference

IMPORTANT - PLEASE READ AND FOLLOW

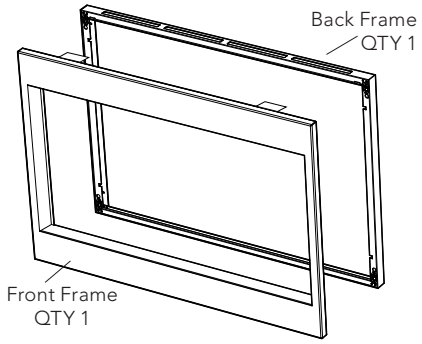
- Before beginning, please read these instructions completely and carefully.
- Be sure to DISCONNECT THE PLUG of the microwave oven from the electrical outlet before installing the built-in trim kit. Remove the turntable from the oven cavity.
- Because the kit includes metal parts, caution should be used in handling and installation to avoid the possibility of injury.
- Do not remove permanently affixed labels, warnings, or plates from the product. This may void the warranty.
- Please observe all local and national codes and ordinances.
- **The installer should leave these instructions with the consumer who should retain for local inspector's use and for future reference.**

THIS BUILT-IN TRIM KIT IS DESIGNED FOR USE ONLY WITH VIKING MICROWAVE OVENS SPECIFYING BUILT-IN TRIM KIT DMTK271 OR DMTK301 ON THE RATING LABEL ON THE LEFT SIDE WALL OF THE OVEN CAVITY.

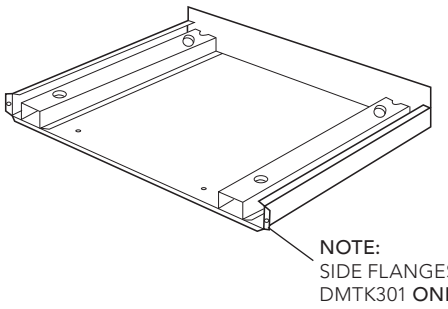
IF YOUR LOWER CONVENTIONAL OVEN IS NOT LISTED IN THE USE AND CARE MANUAL OF THE MICROWAVE OVEN, THEN DO NOT INSTALL THE MICROWAVE OVEN ABOVE IT OR IN ANY AREA WHERE HEAT AND STEAM ARE GENERATED; FOR EXAMPLE, NEXT TO OR ABOVE A CONVENTIONAL RANGE.

PARTS INCLUDED IN THE KIT

1) Frame Assembly



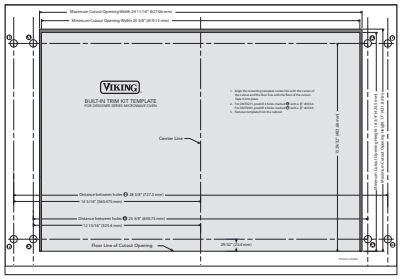
2) Bottom Duct Assembly: QTY 1



3) Screw A (1-3/16" length): QTY 2

4) Screw B (1 3/4" length): QTY 4

5) Template: QTY 1



CABINET OR WALL CUTOUT

Cutout Dimensions

Height (A)	Minimum	16 3/4"	(42.5 cm)
	Maximum	17"	(43.2 cm)
Width (B)	Minimum	24 3/8"	(61.9 cm)
	Maximum	24 11/16"	(62.7 cm)
Depth (C)	Minimum	20"	(50.8 cm)

ELECTRICAL OUTLET LOCATION

Outlet should **NOT** be in the shaded area as indicated on Illustration 1.

NOTE 1: If the Depth (C) dimension is greater than 21" (53.3 cm), the outlet location may be in any area on the rear wall.

NOTE 2: The floor of the opening should be constructed of plywood strong enough to support the weight of the oven and floor load (approximately 100 pounds). The floor should be level for proper operation of the oven. Be sure to check the local building code as it may require that the opening be enclosed with side, ceiling and rear partition. The proper functioning of the oven does not require the enclosure.

MOUNTING TEMPLATE

1. Align the mounting template center line with the center of the cutout and the floor line with the floor of the cutout. Tape it into place.

2. For DMTK271, only predrill 4 holes marked "A" with a 1/16" drill bit. For DMTK301, only predrill 4 holes marked "B" with a 1/16" drill bit.

3. Remove template from the cabinet

BOTTOM DUCT ASSEMBLY

1. Place the Bottom duct in the opening. When the Bottom Duct Assembly is in the opening correctly, the flanges will be tightly against the lower edge of the opening. See Illustration 2.

2. Secure the Bottom Duct Assembly with the two (1-3/16") screws A. See Illustration 2.

Illustration 1

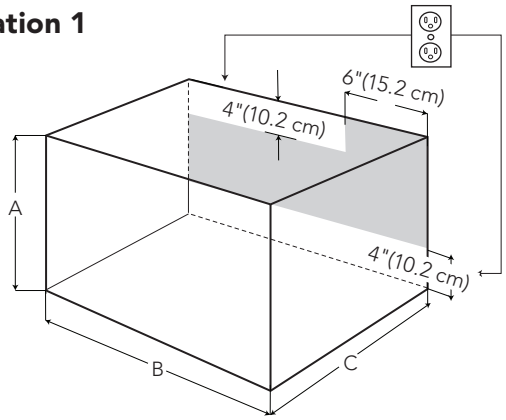


Illustration 2

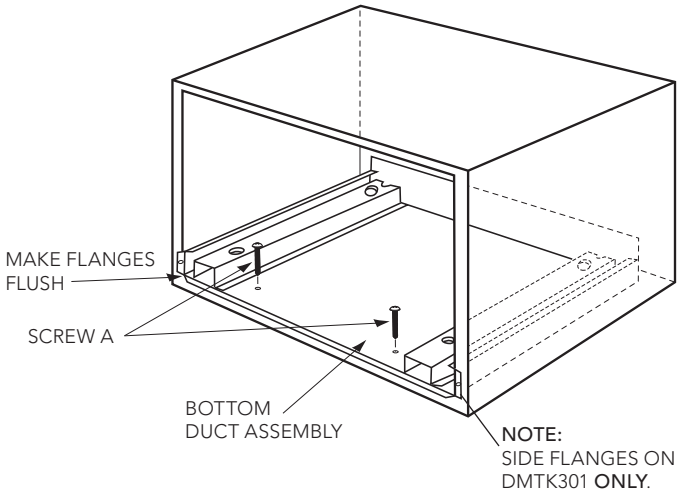
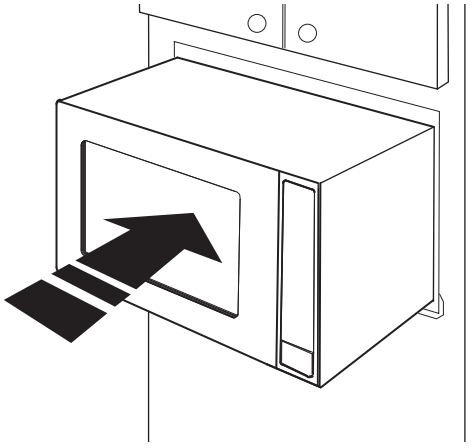


Illustration 3

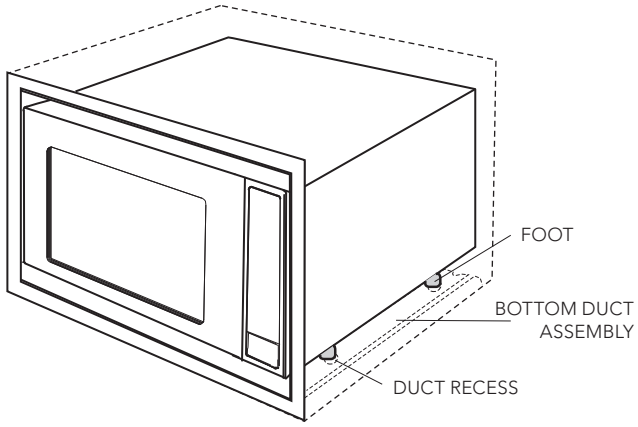


CABINET INSTALLATION

1. Place the oven adjacent to the wall or cabinet opening. Plug the power cord into the electrical outlet.

2. Carefully guide the assembled oven into the prepared opening. Slide the oven on the Bottom Duct Assembly. See Illustration 3. Avoid pinching the cord between the oven and the wall. Adjust the position of the oven so that the feet of the oven are fitted into the recesses of the Bottom Duct Assembly. See Illustration 4.

Illustration 4



FRAME INSTALLATION

Position the BACK FRAME to align with the predrilled holes that were drilled with the mounting template. Check that it is level and then secure with four SCREWS B. See Illustration 5.

Place the FRONT FRAME, with tabs on top, onto the BACK FRAME. Secure the FRONT FRAME to the BACK FRAME by firmly pushing the front frame onto the back frame engaging the four (4) snap attachments. See illustration 6.

Illustration 5

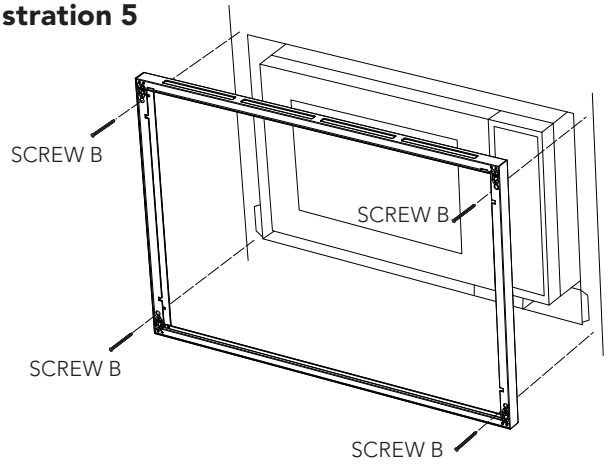
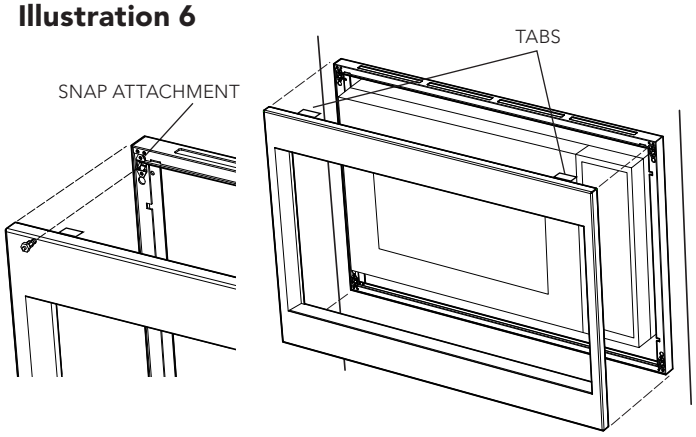


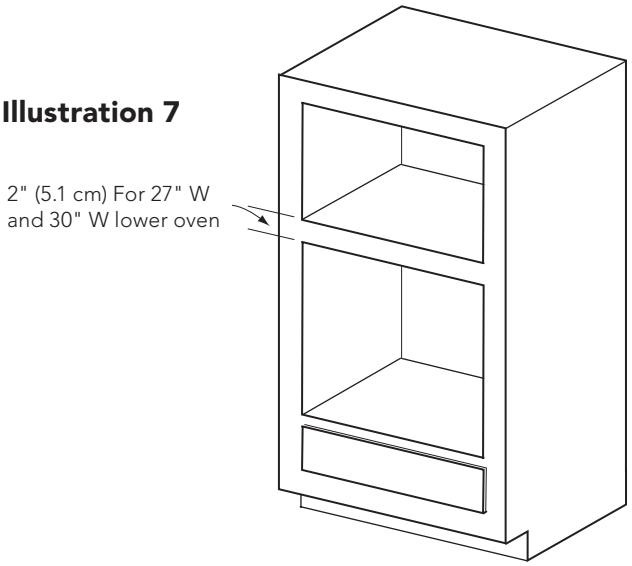
Illustration 6



OVER OVEN INSTALLATION

See illustration 7.

Illustration 7



BASIC SPECIFICATIONS

	Microwave Oven	Built-In Trim Kits	
	DMOS200	DMTK271	DMTK301
Overall Width	24" (60.9 cm)	26-1/2" (67.3 cm)	29-1/2" (74.9 cm)
Overall Height from Bottom	13-3/8" (33.9 cm)	18-1/4" (46.3 cm)	18-1/4" (46.3 cm)
Overall Depth from Rear	19-1/4" (48.9 cm)	N/A	
Oven Interior	Width 17-3/8" (44.1 cm) Height 10-1/2" (26.6 cm) Depth 18-5/8" (47.3 cm) Overall 2.0 cu. ft.	N/A	
Cutout Width	N/A	Min. 24-3/8" (61.9 cm) Max. 24-11/16" (62.7 cm)	
Cutout Height	N/A	Min. 16-3/4" (42.5 cm) Max. 17" (43.2 cm)	
Cutout Depth	N/A	Min. 20" (50.3 cm)	
Electrical Requirements	120VAC/60 Hz	N/A	
Max. Amp Usage	1.5 KW 13 amps	N/A	
Approx. Shipping Wt.	46 lbs. (20.9 kg)	14 lbs. (6.5 kg)	15 lbs. (6.9 kg)

Viking Range Corporation
111 Front Street • Greenwood, Mississippi (MS) 38930 USA • (662) 455-1200

Specifications subject to change without notice.
For more product information, call 1-888-VIKING1 (845-4641), or visit our web site at http://www.vikingrange.com

This Data Sheet Includes Information On

Viking

Product Model Number (s):

Built-In Electric Warming Drawer:
VEWD103

Dimensions (Actual Size)

Cutout width:	28"
Cutout height:	9 1/4"
Distance from face of cabinet to outer edge of open drawer:	25 3/4"
Overall unit width:	29 1/2"
Overall unit height:	10"
Penetration into cabinet:	23 1/4"
Distance from opening (bottom) to centerline of electrical:	2"
Distance from opening (right side) to centerline of electrical:	2"

Overlap distances when using cutout dimensions listed above:

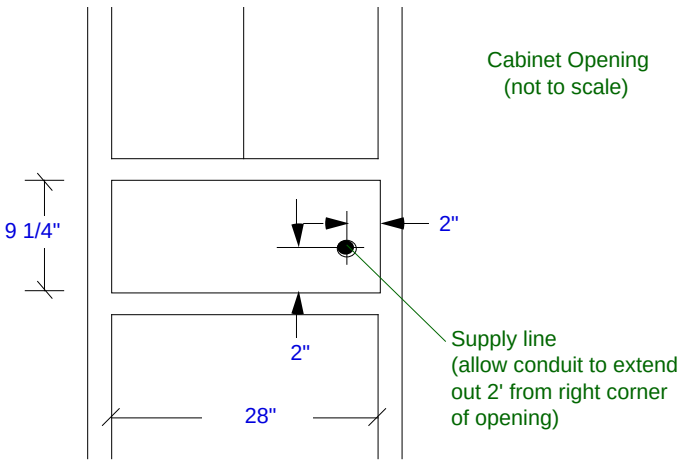
Top overlap:	3/8"
Bottom overlap:	3/8"
Right side overlap:	3/4"
Left side overlap:	3/4"

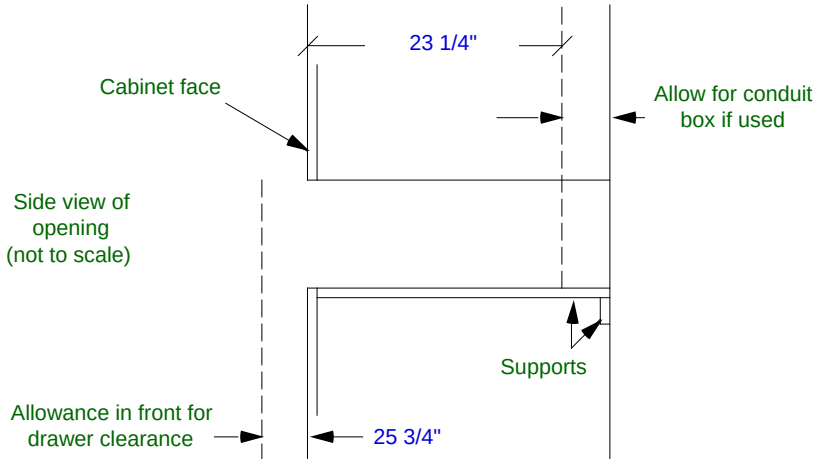
Additional Information

- The frame thickness is 1 3/8".
- The distance from the cabinet face to the front edge of the closed drawer handle is 2 1/8".
- Electrical requirements : 120V, 50-60Hz. 15 amp grounded circuit. 450 watts/3.8 maximum amps.
- The cutout bottom should be solid or have braces which adequately support the weight of the warming drawer, especially in the rear.
- Units available in Black (-BK), White (-WH), Almond (-AL), Stainless Steel (-SS), Viking Blue (-VB), Forest Green (-FG), Burgundy (-BU), Plum (-PL),Graphite Gray (-GG) and Linen (-LN).
- All finishes can be ordered with Brass Trim Option.
- Approximate shipping weight is 90 pounds.

Accessories:

- PAN-VEWD : Five commercial pans with lids sized to exactly fit drawer.





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• Call Dimension Express if you have any questions at (800) 940-2059 •
• Always refer to a current Code at a Glance or manufacturer directory •
• Data Sheet codes change on the first of each quarter at 12:01am •

BN • A267 • • 072104 • 19657 • 71642

✪ Please see **Installation Notes and Accessories** for important information, including handle kits and pan/lid set.

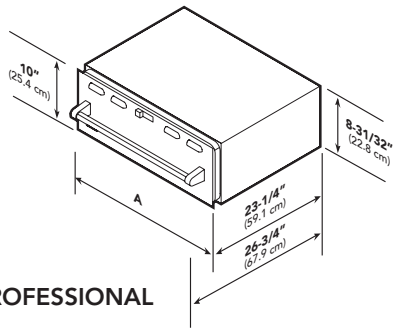
Dimensions & Specifications

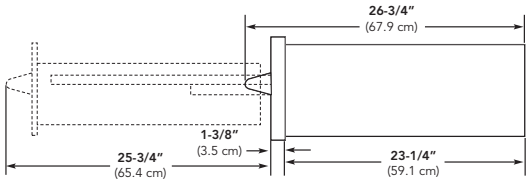
PRODUCT DIMENSIONS & DOOR SWING

VEWD173/103/163
Professional
Warming Drawer

DEWD171/101
Designer
Warming Drawer

DFWD171/101
Custom Front
Warming Drawer





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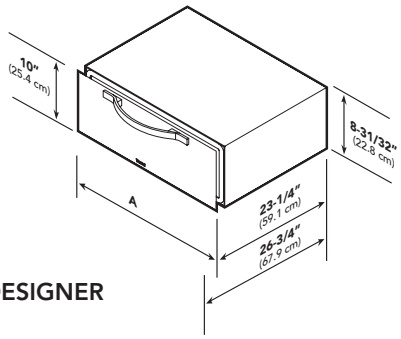

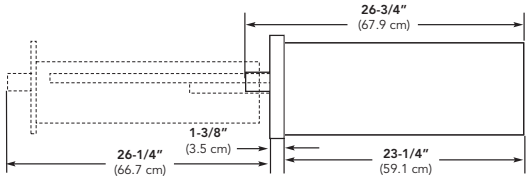

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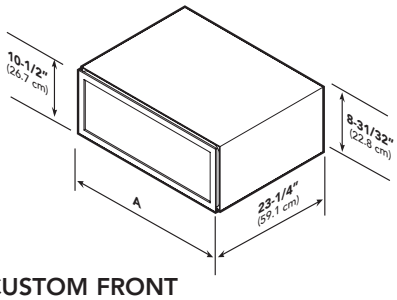

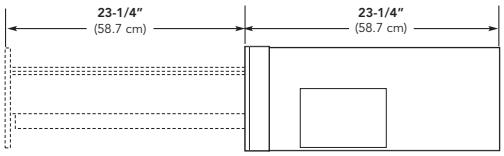

CUSTOM FRONT

	VEWD173/103/163	DEWD171/101	DFWD171/101
Overall width (A)	26-1/2" (67.3 cm)/29-1/2" (74.9 cm)/ 35-1/4" (89.5 cm)	26-1/2" (67.3 cm)/ 29-1/2" (74.9 cm)	26" (66.0 cm)/ 29" (73.7 cm)
Overall height (from bottom)	10" (25.4 cm)	10" (25.4 cm)	10-1/2" (26.7 cm)
Overall depth (from rear)			
To end of handle		**26-3/4" (67.9 cm)**	
With drawer fully extended	50-3/8" (128.0 cm)	50-7/8" (129.2 cm)	46-1/2" (118.1 cm)
Interior width	17-1/4" (43.8 cm)/20-1/2" (52.1 cm)/ 25" (63.5 cm)	20-1/2" (52.1 cm)/ 17-1/4" (43.8 cm)	17-1/4" (43.8 cm)/ 20-1/2" (52.1 cm)
Interior height		**6" (15.2 cm)**	
Interior depth		**22-3/4" (27.8 cm)**	
Approx. ship weight	80 lbs. (36.0 kg)/90 lbs. (40.5 kg)/ 110 lbs. (49.5 kg)	80 lbs. (36.0 kg)/ 90 lbs. (40.5 kg)	80 lbs. (36.0 kg)/ 90 lbs. (40.5 kg)

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UTILITY REQUIREMENTS

GAS
- Not applicable

ELECTRICAL
- Hardwire direct with separate 15-amp minimum 2-wire with ground circuit
- 120 VAC/50 – 60 Hz
- Maximum amp usage—
  - o 27"W. models—3.6 (425 watts)
  - o 30"W. models—3.8 (450 watts)
  - o 36"W. models—4.6 (550 watts)

PLUMBING
Not applicable

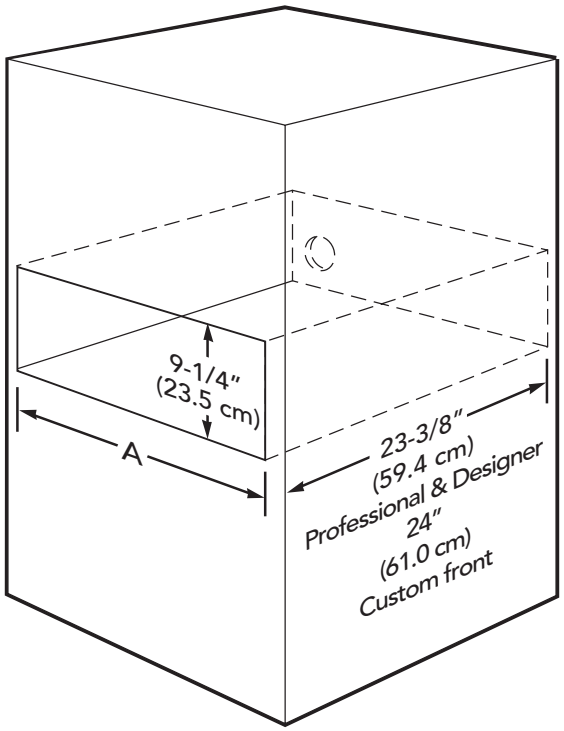
Installation Requirements

ACCESS REQUIREMENTS

VEWD173/103/163
Professional
Warming Drawer

DEWD171/101
Designer
Warming Drawer

DFWD171/101
Custom Front
Warming Drawer



	VEWD173/103/163	DEWD171/101	DFWD171/101
Cutout width (A)	25-1/4" (64.1 cm)/28-1/4" (71.8 cm)/ 34" (86.4 cm)	25-1/4" (64.1 cm)/ 28-1/4" (71.8 cm)	25-1/4" (64.1 cm)/ 28-1/4" (71.8 cm)
Cutout height	9-1/4" (23.5 cm)	9-1/4" (23.5 cm)	9-5/8" (24.4 cm)
Cutout depth	23-3/8" (59.4 cm)	23-3/8" (59.4 cm)	24" (61.0 cm)

RELEASED 12/1/07
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IMPORTANT - PLEASE READ AND FOLLOW

- Before beginning, please read these instructions completely and carefully.
- Do not remove permanently affixed labels, warnings, or plates from the product. This may void the warranty.
- Please observe all local ordinances. If local codes are applicable, wire in accordance with the National Electrical Code, ANSI/NFPA 70 - latest edition.
- **WARNING - To reduce the risk of electric shock and fire, do not use a flexible power-supply cord with this appliance.**
- **WARNING - FOR OUTDOOR INSTALLATION, INSTALLER MUST INSTALL A GROUND FAULT INTERRUPT.**
- **The installer should leave these instructions with the consumer who should retain for local inspector's use and for future reference.**

GENERAL INFORMATION

- When installing this unit directly below other units, only install with Viking built-in products
- Remove warming drawer carefully from carton. Remove all loose packaging and accessories.
- It is the responsibility of the installer to comply with local codes. If no local codes are applicable, wire in accordance with the National Electrical Code, ANSI/NFPA 70 - latest edition.
- This appliance is not fused. Protect with a proper sized fuse or circuit breaker and a GFI for outdoor models.
- Line disconnect switch, circuit breaker, GFI (for outdoor models) or plug/receptacle of power cord connection should be readily accessible to the operator.
- Ground unit per applicable electrical codes.
- Any installation not matching the specifications discussed in these instructions will void the manufacturer's warranty.

⚠WARNING!

Make sure that incoming voltage is the same as unit rating. An electric rating plate specifying voltage, hertz, wattage, amps, and phase is attached to the product. Wiring the warming drawer with more voltage than it is rated for may cause severe damage to the thermostat, element, and other components. Wiring the warming drawer with less voltage than it is rated for may cause significant decrease in performance. To reduce the risk of fire, electric shock, or injury to persons, installation work and electrical wiring must be done by qualified people in accordance with all applicable codes and standards, including fire-rated conditions.

ELECTRICAL CONNECTION - USE COPPER CONDUCTORS ONLY.

GROUNDING INSTRUCTIONS

This appliance must be connected to a grounded metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the appliance.

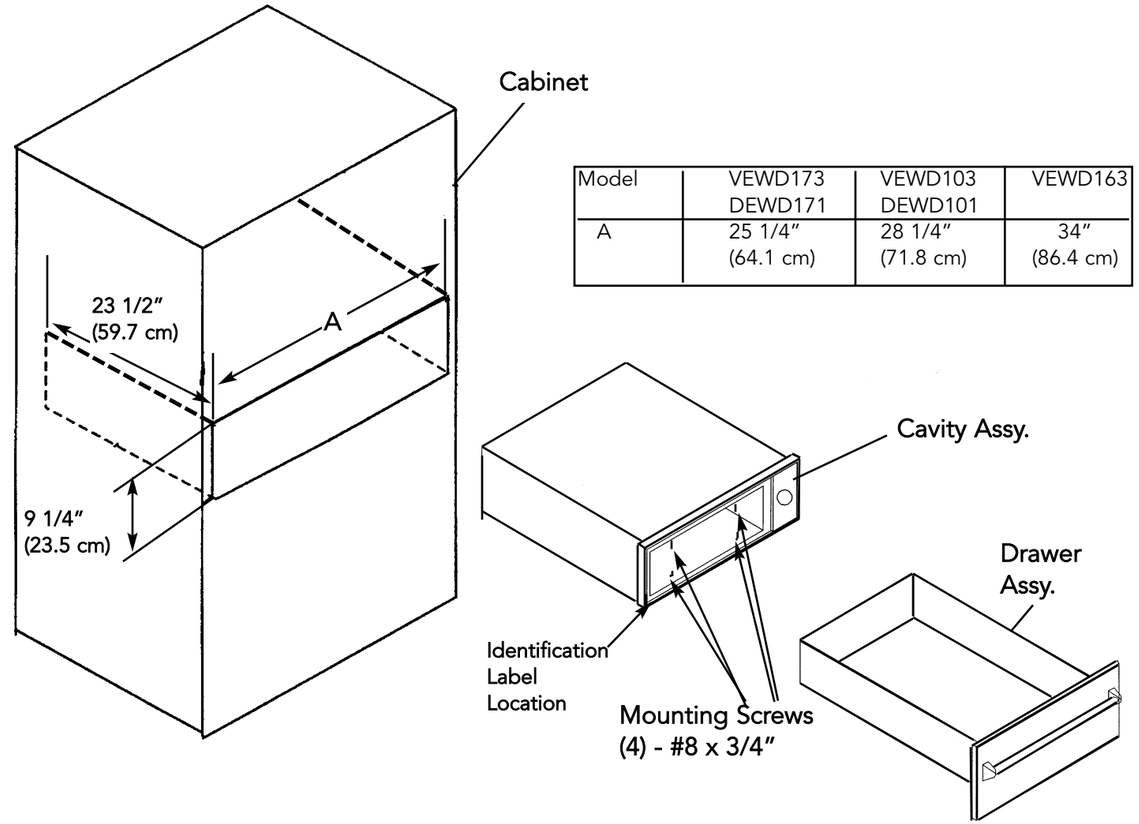
With the appliance positioned in front of the cabinet opening, connect wire leads extending from the power supply to the terminal block of the unit. Make sure the colored wires of the terminal block are connected to the corresponding colored wires extending from the power supply.

BASIC SPECIFICATIONS

MODEL	VEWD173 VEWD173T DEWD171 DFWD171	VEWD103 VEWD103T DEWD101 DFWD101	VEWD163 VEWD163T
Interior width	17 1/4 (43.8 cm)	20 1/2" (52.1 cm)	25" (63.5 cm)
Interior height	6" (15.2 cm)	6" (15.2 cm)	6" (15.2 cm)
Interior depth	22 3/4" (27.8 cm)	22 3/4" (27.8 cm)	22 3/4" (27.8 cm)
Electrical Requirements	Hard wire direct with separate 15 amp minimum 2-wire with ground circuit; 120 VAC/50-60 Hz		
Max. Amp Usage	425 watts 3.6 amps	450 watts 3.8 amps	550 watts 4.6 amps
Approx. shipping Wt.	80 lb. (36 kg)	90 lb. (40.5 kg)	110 lb. (49.5 kg)

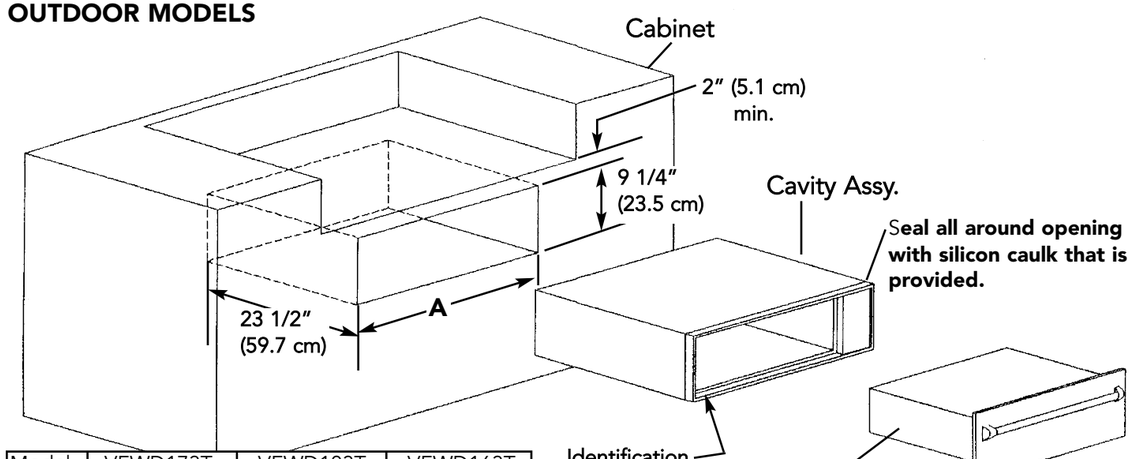
CABINET CUTOUT

INDOOR MODELS (VEWD, DEWD)



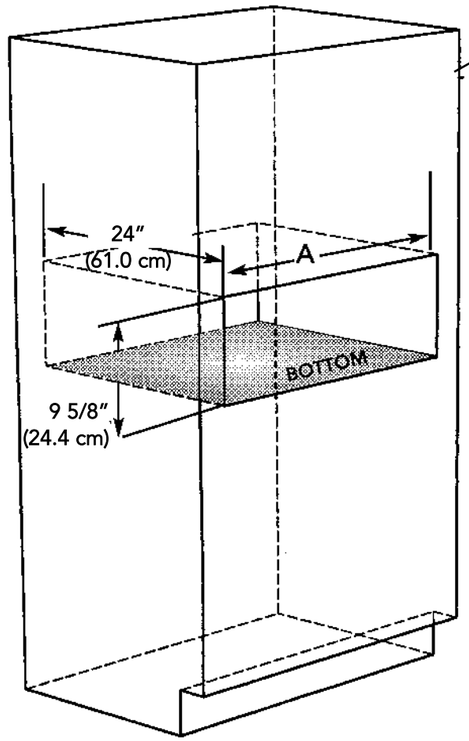
Model	VEWD173 DEWD171	VEWD103 DEWD101	VEWD163
A	25 1/4" (64.1 cm)	28 1/4" (71.8 cm)	34" (86.4 cm)

OUTDOOR MODELS

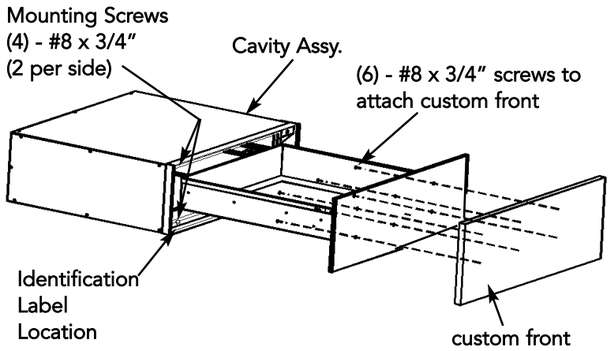


Model	VEWD173T	VEWD103T	VEWD163T
A	25 1/4" (64.1 cm)	28 1/4" (71.8 cm)	34" (86.4 cm)

CABINET CUTOUT
DFWD MODELS



Model	DFWD171	DFWD101
A	25 1/4" (64.1 cm)	28 1/4" (71.8 cm)



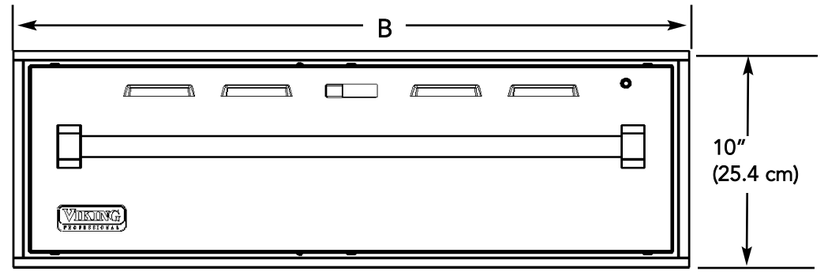
CUSTOM FRONT INSTALLATION - DFWD MODELS

- Open the drawer and remove the pan.
- Center the custom front on the inside panel.
- Attach the custom front with the (6) six #8 x 3/4" screws provided.

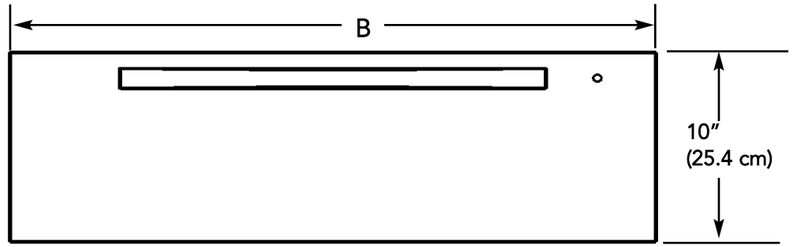
CABINET INSTALLATION

- To remove drawer assembly, pull warming drawer pan out until fully extended. Slide finger along the right and left side until you reach the black hand latches (located at the front of the rails). Pull up on both the right and left latches and pull drawer pan support completely out.
- For outdoor models ONLY - Apply silicon caulk that is provided all around the back of the warming drawer trim.
- Slide cavity assembly into cabinet opening.
- Drill (4) pilot holes in cabinet using 1/8" drill bit. Permanently secure the warming drawer using the (4) #8 mounting screws provided.
- Replace drawer assembly.

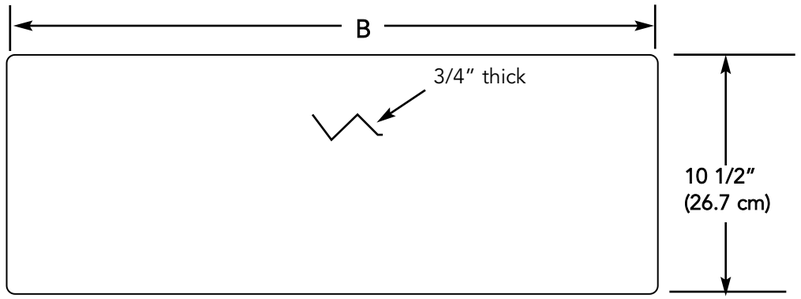
FRONT VEWD



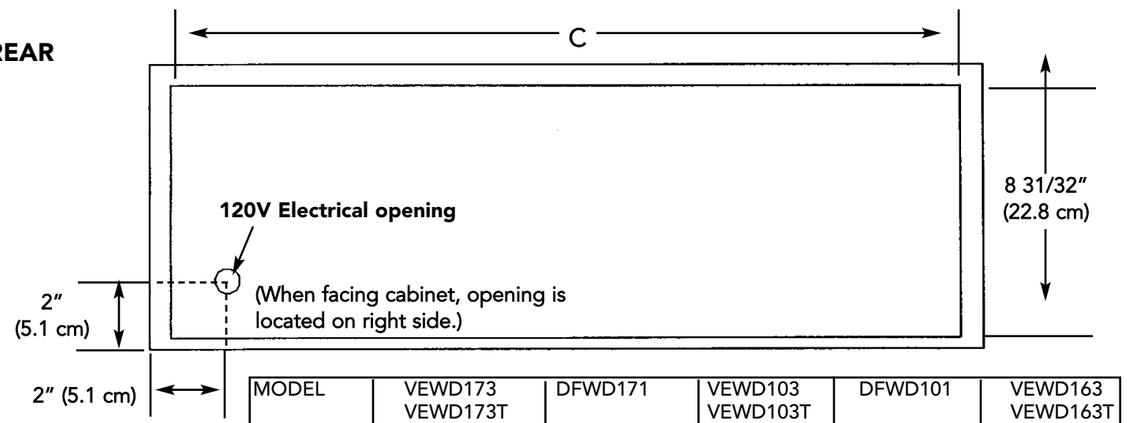
FRONT DEWD



FRONT DFWD

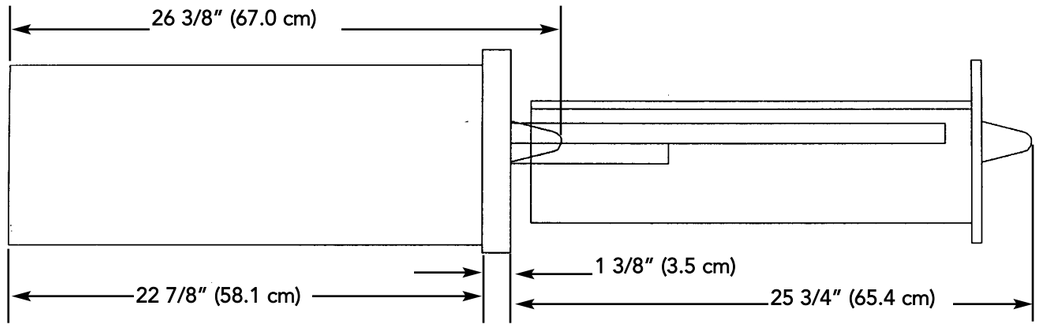


REAR

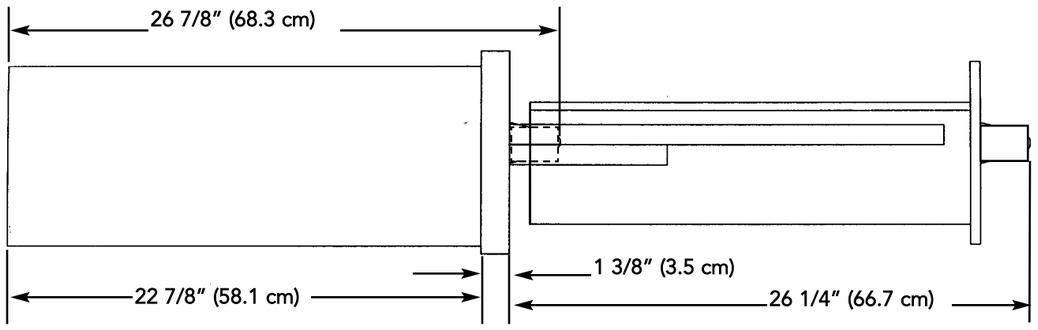


MODEL	VEWD173 VEWD173T DEWD173	DFWD171	VEWD103 VEWD103T DEWD103	DFWD101	VEWD163 VEWD163T
B	26 1/2" (67.3 cm)	26" (66.0 cm)	29 1/2" (74.9 cm)	29" (73.7 cm)	35 1/4" (89.5 cm)
C	24 7/8" (63.2 cm)	24 7/8" (63.2 cm)	27 7/8" (70.8 cm)	27 7/8" (70.8 cm)	33 5/8" (85.4 cm)

SIDE
VEWD



SIDE
DEWD



SIDE
DFWD